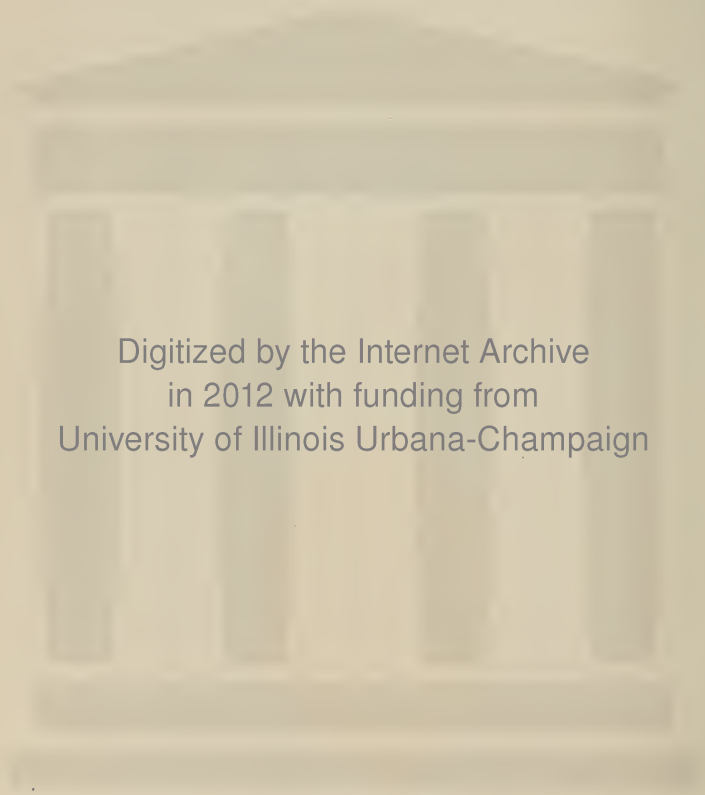


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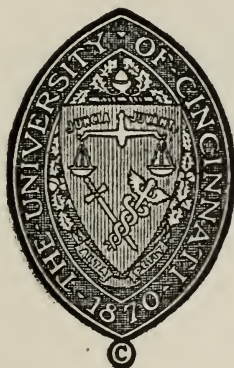
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GRADUATE SCHOOL
McMICKEN COLLEGE OF LIBERAL ARTS
COLLEGE FOR TEACHERS
COLLEGE OF ENGINEERING AND COMMERCE
COLLEGE OF MEDICINE

SCHOOL OF NURSING AND HEALTH
COLLEGE OF LAW (Cincinnati Law School)

For Announcements of the various departments, except the Colleges of
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CINCINNATI, OHIO

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CINCINNATI, OHIO

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CINCINNATI, OHIO

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CALENDAR

SESSION 1921-1922

1921

JUNE 6-20	{ Registration days for summer term of School of Nursing and Health
JUNE 20-AUG. 13	Summer pre-medical courses
JUNE 20-25	Entrance examinations
JUNE 20-AUG. 13	Summer medical courses
JUNE 27, MONDAY	Registration day for summer extension courses
JUNE 27-AUGUST 5	Summer extension courses
SEPT. 12-17	{ Entrance examinations for all departments except College of Law
SEPT. 19, MONDAY	{ Registration day for cooperative students, Sec. I, and regular engineers
SEPT. 21, WEDNESDAY	Meeting of Student Advisory Committee
SEPT. 22, THURSDAY	Entrance examinations begin for College of Law
SEPT. 22, THURSDAY	{ Registration days for first semester of College of Liberal Arts, College for Teachers, evening academic courses, and evening commerce students
SEPT. 23, FRIDAY	{
SEPT. 24, SATURDAY	{ Registration day for special students
SEPT. 24, SATURDAY	{ Registration day for College of Law
SEPT. 26, MONDAY	{ First semester begins for all departments except Colleges of Medicine and Law
	{ Summer term ends for School of Nursing and Health
SEPT. 26-OCT. 1	Registration days for Graduate School
SEPT. 26, MONDAY	First semester begins for College of Law
SEPT. 30-OCT. 1	{ Registration days for College of Medicine
	{ Examinations in College of Medicine for removal of conditions
OCT. 3-14	{ Registration days for fall term of School of Nursing and Health
OCT. 3, MONDAY	{ Winter extension courses begin
	{ Registration day for first semester for cooperative students, Sec. II
OCT. 3, MONDAY	First semester begins for College of Medicine
OCT. 8, SATURDAY	Registration for first semester closes at 12:30 p.m.
OCT. 10-19	Registration days for winter extension courses
OCT. 29, SATURDAY	Mid-term for cooperative students, Sec. I
NOV. 12, SATURDAY	Mid-term for cooperative students, Sec. II
NOV. 19, SATURDAY	Mid-term reports due in Registrar's office
NOV. 24-26, INC.	Thanksgiving recess.

CHRISTMAS RECESS

MONDAY, DECEMBER 19—MONDAY, JANUARY 2, INCLUSIVE

1922

JAN.	3, TUESDAY	Classes resumed
JAN.	16-21	Entrance examinations
JAN.	21, SATURDAY	{ First semester ends for cooperative students, Sec. I
JAN.	30-FEB. 7	First semester examinations
JAN.	30, MONDAY	Second semester begins for College of Law
FEB.	4, SATURDAY	{ Registration day for second semester of School of Nursing and Health First semester ends for cooperative students, Sec. II
FEB.	6, MONDAY	{ Registration day for second semester for regular engineers and cooperative students, Sec. I
FEB.	10, FRIDAY	{ Registration day for second semester for evening academic courses and evening commerce students
FEB.	11, SATURDAY	{ First semester ends for College of Medicine. No classes Registration day for second semester for College of Liberal Arts and College for Teachers.
FEB.	13-15	{ Registration days for second semester of Graduate School
FEB.	13, MONDAY	Second semester begins
FEB.	20, MONDAY	{ Registration day for second semester for coopera- tive students, Sec. II
FEB.	22, WEDNESDAY	Washington's Birthday: a holiday
FEB.	25, SATURDAY	{ Registration for second semester closes at 12:30 p.m.
MAR.	18, SATURDAY	Mid-term for cooperative students, Sec. I
MAR.	23-25, INC.	Spring recess for College of Law

EASTER RECESS

COLLEGE OF MEDICINE, APRIL 10-15, INCLUSIVE

COLLEGE OF LIBERAL ARTS

COLLEGE FOR TEACHERS

GRADUATE SCHOOL

{	APRIL 13-15, INCLUSIVE
---	------------------------

APRIL	1, SATURDAY	Mid-term for cooperative students, Sec. II
APRIL	8, SATURDAY	Mid-term reports due in Registrar's office

MAY	26, FRIDAY	Winter extension courses end
MAY	5, FRIDAY	Oratorical contest for Jones Prizes
MAY	13, SATURDAY	{ Second semester ends for cooperative students, { Sec. I
MAY	17, WEDNESDAY	Final examinations begin for College of Law
MAY	27, SATURDAY	{ Second semester ends for cooperative students, { Sec. II
MAY	30, TUESDAY	Memorial Day: a holiday
JUNE	5-19	{ Registration for summer term of School of Nursing { and Health
JUNE	5, MONDAY	Second semester examinations begin
JUNE	5-AUG. 5	Summer school for cooperative students, Sec. I
JUNE	12-AUG. 12	Summer school for cooperative students, Sec. II
JUNE	16, FRIDAY	Second semester ends
JUNE	17, SATURDAY	University Commencement Day

BOARD OF DIRECTORS

Appointed by the Mayor of Cincinnati

ERWIN O. STRAEHLEY, M.D.	January, 1923
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EDWARD H. ERNST	" 1925
OTTO J. RENNER	" 1926
RUFUS B. SMITH	" 1927
ROBERT W. HILTON	" 1928
EMIL POLLAK	" 1929
ARTHUR R. MORGAN	" 1930
ALFRED MACK	" 1931

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For the Fiscal Year 1922

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CHRISTIE WILKE	Assistant Clerk

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COMMITTEE ON COLLEGE OF MEDICINE: Messrs. Renner, Mack, Smith

COMMITTEE ON COLLEGE OF ENGINEERING AND COMMERCE: Messrs. Hilton, Brown, Straehley

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*FRANK W. CHANDLER, PH.D...	Dean of the McMicken College of Liberal Office, 8 McMicken Hall Arts
CLAUDE M. LOTSPETCH, PH.D...	Acting Dean of the McMicken College of Liberal Arts
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HERMAN SCHNEIDER, SC.D.....	Dean of the College of Engineering and Office, College of Engineering Bldg. Commerce
HENRY PAGE, A.M., M.D., DR. P.H.....	Dean of the College of Medicine Office, Medical College Building, Eden Ave.
ALFRED B. BENEDICT, A.B., LL.D.....	Dean of the College of Law Office, College of Law, Clifton Ave.
JOSEPHINE PRICE SIMRALL, B.S.....	Dean of Women Office, Woman's Building
ROBERT C. PUGH, LL.D.....	Assistant Dean of the College of Law Office, College of Law, Clifton Ave.
GEORGE W. BURNS, LL.B...	Assistant Dean of the College of Engineering Office, College of Engineering Building and Commerce
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ALFRED LAWRENCE HALL-QUEST, A.M.....	Director of School Affiliation Office, 17 McMicken Hall
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SELDEN GALE LOWRIE, PH.D...	Director of the Municipal Reference Bureau Office, 10 Hanna Hall
LELIA GARVIN HARTMAN, B.L.....	Registrar Office, 7 McMicken Hall
DANIEL LAURENCE, B.S...	Secretary and Business Manager of the University Office, 4 McMicken Hall
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ANNA TEASDALE..	Secretary of the College of Engineering and Commerce

*Absent on leave, 1921-1922

†Resigned

UNIVERSITY SENATE

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CLAUDE M. LOTSPEICH, PH.D...	Acting Dean of the McMicken College of Liberal Arts
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HERMAN SCHNEIDER, SC.D.....	Dean of the College of Engineering and Commerce
HENRY PAGE, A.M., DR. P.H.....	Dean of the College of Medicine
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ALFRED B. BENEDICT, A.B., LL.D.....	Dean of the College of Law
JOSEPHINE PRICE SIMRALL, B.S.....	Dean of Women
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WILLIAM B. WHERRY, M.D.....	Representative of the Faculty of the Graduate School
SELDEN GALE LOWRIE, PH.D.....	Representative of the Faculty of the McMicken College of Liberal Arts
ALFRED L. HALL-QUEST, B.D., A.M....	Representative of the Faculty of the College of Teachers
LOUIS BRAND, E.E., PH.D...	Representative of the Faculty of the College of Engineering and Commerce
ROGER S. MORRIS, A.B., M.D...	Representative of the Faculty of the College of Medicine
ROBERT C. PUGH, LL.D....	Representative of the Faculty of the College of Law

*Absent on leave, 1921-1922

COMMITTEES

COMMITTEES ON CORRELATION

COLLEGE OF LIBERAL ARTS AND COLLEGE FOR TEACHERS:

College of Liberal Arts: Professors More, Tawney

College for Teachers: Professors Burris, Hall-Quest

COLLEGE OF LIBERAL ARTS, COLLEGE OF MEDICINE, AND SCHOOL OF NURSING AND HEALTH:

College of Liberal Arts: Professors Wieman, Fry

College of Medicine: Drs. Page, Fischer

School of Nursing and Health: Miss Logan

COLLEGE OF LIBERAL ARTS AND COLLEGE OF LAW:

College of Liberal Arts: Professors Lowrie, Van Wye

College of Law: Dean Pugh, Professor Arnold

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*Deceased

†Resigned

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1004 Neave Bldg.
- L. HOWARD SCHRIVER, M.D. Instructor in Surgery, College of Medicine
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Conservatory of Music
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19 West Seventh St. College of Medicine
- BART JENNINGS SHINE, C.E. Assistant Professor of Civil Engineering,
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705 Livingston Bldg.
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- WALTER M. SHOHL, A.B., LL.B. Professor of Law, College of Law
714 South Crescent Ave.
- SYLVIA SICHA, A.B. Assistant Professor of Vocational Education, College
10 The Brookline Apts. for Teachers
- JOSEPHINE PRICE SIMRALL, B.S. . . . Dean of Women, College of Liberal Arts
Hedgerow Lane
- †STEPHEN ELMER SLOCUM, B.E., PH.D. . . Professor of Applied Mathematics,
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- C. STANLEY SMITH, D.D.S. Instructor in Dentistry, College of Medicine
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- ELLIOTT SMITH, PH.D. . . . Assistant Professor of Astronomy, College of Liberal
Observatory Grounds . . . Arts
- G. CARLTON SMITH, B.S. IN CH.E. . . . Assistant Professor of Chemical Engi-
1111 East McMillan St. . . . neering, College of Engineering and
Commerce
- †MARY ALMA SMITH, B.S. Professor of Home Economics, College for
26 The Verona Apts. . . . Teachers
- CHARLES T. SOUTHER, M.D. Instructor in Surgery, College of Medicine
Groton Bldg.
- RUFUS SOUTHWORTH, A.M., M.D. Assistant Professor of Paediatrics,
Fountain Ave., Glendale, O. . . . Contagious Division, College of
Medicine
- CHESTER C. STAATS, D.D.S. . . . Instructor in Dentistry, College of Medicine
500 East Fourth St.
- RALPH W. STALEY, M.D. Instructor in Urology, College of Medicine
63 Groton Bldg.
- HELEN A. STANLEY, A.M. Instructor in English, College of Liberal Arts
3576 Zumstein Ave.
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- JOHN R. STARK, M.D. Instructor in Gynaecology, College of Medicine
11½ East Eighth St.
- SIGMAR STARK, M.D. Professor of Gynaecology, College of Medicine
11½ East Eighth St.
- CLARENCE D. STEVENS, A.M. Associate Professor of English, College of
2023 Meryton Pl. . . . Liberal Arts
- RUSSELL ALGER STEVENSON, PH.D. Professor of Accounting, College of
235 Loraine Ave. . . . Engineering and Commerce
- SUZANNE C. STEVENSON, R.N. . . . Instructor in Nursing and Health, School of
2922 Woodburn Ave. . . . Nursing and Health
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2918 Urwiler Ave. . . . and Commerce
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- GUY ALLAN TAWNEY, PH.D. . . . Professor of Philosophy, College of Liberal
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19 Senator Place Apts.
- NATHANIEL RUGGLES WHITNEY, PH.D. Professor of Finance, College of
12 The Metamora Apts. Engineering and Commerce
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3300 Jefferson Ave.
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5 Garfield Pl.
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37 The Roanoke Apts. College of Engineering and Commerce
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Bell Pl. for Teachers
- †LEROY ALONZO WILSON, M.E., M.M.E. . . Assistant Professor of Mechanical
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3127 Griest Ave. College of Liberal Arts
- PHILIP ZENNER, A.M., M.D. . Professor of Neurology, Emeritus, College of
306 Glenn Bldg. Medicine
- *E. GUSTAV E. ZINKE, M.D. . Professor of Obstetrics, Emeritus, College of
Medicine

LECTURERS

- RICHARD M. ATKINS. Lecturer on Credits and Collections, College of
Gwynne Bldg. Engineering and Commerce
- ELMER J. BAUER Lecturer on Accounting, College of Engineering and
915 Fourth National Bank Bldg. Commerce
- JOHN J. BECKER Lecturer on Accounting, College of Engineering and
4648 Hamilton Ave. Commerce
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1037 Redway Ave. Engineering and Commerce
- WAYNE W. CALHOUN. . Lecturer on Advertising, College of Engineering and
2508 Sheridan Drive, Norwood, O. Commerce
- PAUL GREGORY CLOUD, LL.B. . Lecturer on Real Estate, College of Engi-
2111 Sinton Ave. neering and Commerce
- WILLIAM G. CURRAN. . Lecturer on Salesmanship, College of Engineering
215 Gwynne Bldg. and Commerce
- J. R. EDWARDS. Lecturer on Advertising, College of Engineering and
Fifth-Third National Bank Commerce
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District Board of Health, Court House
- FINIS KING FARR, A.M., D.D. . Lecturer on Biblical Literature, College of
1 Lane Seminary Pl. Liberal Arts
- MARY FISHER, R.N. Special Lecturer, School of Nursing and Health
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5 Tuxedo Pl. Law, College of Engineering and Commerce
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- MARIE MOORMAN... Special Lecturer, School of Nursing and Health
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- WILLIAM H. PETERS, M.D... Lecturer in the School of Nursing and Health
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- F. M. RENSHAW... Lecturer on Traffic Management, College of Engineering
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- JOHN B. SPILKER, LL.B... Lecturer on Real Estate, College of Engineering
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- ADA S. STOKES, R.N.... Special Lecturer, School of Nursing and Health
Cincinnati General Hospital
- GEORGE W. TRUMBULL... Lecturer on Accounting, College of Engineering
2400 Harper Ave., Norwood, O. and Commerce
- E. F. VAN BUSKIRK, A.M.... Lecturer on Hygiene, College of Liberal Arts
25 E. Ninth St.
- R. R. WASON... Lecturer on Marketing, College of Engineering and
The Hotel Gibson Commerce
- JULIA WICKES WHEELER, R.N... Special Lecturer, School of Nursing and
Cincinnati General Hospital Health

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938 Clark St.
- LAURA McNUTT ALTAMER, A.B... Graduate Assistant in English, College of
5707 Lantana Ave. Liberal Arts
- CARL WILLIAM ANESHANSEL... Student Assistant in Botany, College of
2344 Victor St. Liberal Arts
- JOSEPH AUSTIN... Assistant in English, College of Engineering and Com-
2311 Burnet Ave. merce
- WILLIAMETTA BAKER, A.B... Reader in Mathematics, College of Liberal Arts
11 Twenty-first St., Newport, Ky.
- ALICE BARBER, A.B.... Assistant and Musician, Department of Physical
2232 Nelson Ave. Education, College of Liberal Arts
- HARRY GLENN BELL, B.S.... Student Assistant in Pathology, College of
Cincinnati General Hospital Medicine

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Good Samaritan Hospital
- MABEL H. BIRCH. . . Graduate Assistant in English, College of Liberal Arts
5691 Belmont Ave.
- H. VIRGINIA BLACKFORD, M.D. Assistant in Paediatrics, College of
300 Piedmont St. Medicine
- MARY ROSINE BLOOD. . Student Assistant in Chemistry, College of Engi-
5741 Davey Ave. neering and Commerce
- RALPH BROWN. . . Student Assistant in Chemistry, College of Liberal Arts
1337 Locust St.
- †ADELIA BROWNELL. Assistant in English, College of Liberal Arts
134 Elm Ave., Wyoming, O.
- †BERTHA BRUCKMAN, B.S. . . . Assistant in Physical Education, College of
1276 Streng Ave. Liberal Arts
- IDA W. CALDWELL, M.D. Assistant in Paediatrics, College of Medicine
1344 Locust St.
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- IRENE CHRISMAN. . . Student Assistant in English, College of Liberal Arts
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22 East Twenty-sixth St., Covington, Ky. College of Liberal Arts
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- MARION DOLLE. . . Graduate Assistant in English, College of Liberal Arts
Colerain Pike
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20 West Ninth St.
- ††F. A. ELSBACH. . Student Assistant in Chemical Engineering, College of
3049 Cleinview Ave. Engineering and Commerce

†Resigned

††First semester only

‡Summer, 1921

- *GORDON ERBAUGH Student Assistant in Pharmacology, College of
Cincinnati General Hospital Medicine
- ALFRED H. EVANS, JR. . . Student Assistant in Botany, College of Liberal
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29 Woodsdale Ave. Engineering and Commerce
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18 The Maplewood Apts. of Medicine
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- LOUIS JOSEPH HENDRICKS, B.S. . . Student Assistant in Pathology, College
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844 Clark St. Medicine
- ALBERT P. HOFMANN, M.D. . . Assistant in Laryngology and Otology, College
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- R. C. HOOD, M.D. Assistant in Paediatrics, College of Medicine
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†Resigned

††First semester only

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- CHARLES FREEMONT MCKHANN, A.M. . . Student Assistant in Bacteriology,
2329 Highland Ave. College of Medicine
- T. J. McLAUGHLIN. . Assistant in Transportation, College of Engineering
The Charles Boldt Glass Co. and Commerce
- GLADYS MARTIN. . . Student Assistant in History, College of Liberal Arts
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- ADRIAN MAY. . Student Assistant in the Reserve Officers' Training Corps,
2 Lenox Lane College of Engineering and Commerce
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- MURIEL LENORA METZ. . Assistant in Mathematics, College of Engineering
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- HOWARD EDWARD METZGER. . . . Student Assistant in English, College of
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- EDWARD L. MEYER. . Student Assistant in Public Speaking, Department of
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- RELAND MILLER. . Student Assistant in Chemical Engineering, College of
3515 Michigan Ave. Engineering and Commerce
- ††FRANK F. MILLS. . Student Assistant in Metallurgy, College of Engineer-
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8 The Romaine Apts. Commerce
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- VICTOR RAY, JR., M.D. . Assistant in Ophthalmology, College of Medicine
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3555 St. Charles Pl. neering and Commerce
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519 Provident Bank Bldg.
- MYRTLE MARIE STUMP. . Student Assistant in Zoology, College of Liberal
576 Delta Ave. Arts
- BENZI SUYENAGA. . Research Assistant in Bacteriology, College of Medicine
Cincinnati General Hospital
- EDWIN RAYMOND THEIS, CH.E. . Research Assistant in Chemistry, Depart-
2406 Ashland Ave. ment of Leather Research, College of Engi-
neering and Commerce
- ARTHUR TOPMILLER. . Lecture Assistant in Chemistry, College of Liberal
2709 Jefferson Ave. Arts
- CLARENCE McCURDY VIRTUE. . Student Assistant in Geology, College of
845 Oak St. Liberal Arts
- ROBERT COULTER WALKER, A.M. Student Assistant in Biochemistry,
2515 Auburn Ave. College of Medicine
- ROBERT K. WEBER. . Student Assistant in Chemical Engineering, College of
2826 Observatory Ave. Engineering and Commerce
- JEAN WEIDENSALL, PH.D. . . . Assistant in Anatomy, School of Nursing and
58 Hollister St. Health
- EVELYN WEINBERGER. . Student Assistant in Psychology, College of Liberal
867 Hutchins Ave. Arts
- MARIE NAST WHERRY, A.B., M.D. Assistant in Paediatrics, College of
759 Ridgeway Ave. Medicine
- J. F. WYNN, B.S. Student Assistant in Medicine, College of Medicine
330 Elland Circle

THE OBSERVATORY

- JERMAIN GILDERSLEEVE PORTER, PH.D. Director and Professor
3314 Avery Lane, Mt. Lookout
- EVERETT IRVING YOWELL, PH.D. . First Astronomer and Associate Professor
Corbett and Griest Aves., Mt. Lookout
- ELLIOTT SMITH, PH.D. Second Astronomer and Assistant Professor
Observatory Grounds, Mt. Lookout

THE UNIVERSITY LIBRARY

- *CHARLES ALBERT READ, A.B. Librarian
3517 Cornell Place
- MARGUERITE BURNET RESOR, A.B. Head Cataloguer
254 Greendale Ave.
- MARGARET CAMPBELL Assistant
8352 Curzon Ave.
- ROBERTA MOORE GIBSON, A.B. Assistant
2407 Ashland Ave.
- *BARBARA C. EMERSON Assistant
Senator Place Apts.
- AGNES H. BRIDGE, A.B. Assistant to the Librarian
1325 Yarmouth Ave.
- MRS. HENRY F. FARNY Cataloguer
Senator Place Apts.
- MARY M. CALDWELL Cataloguer
19 Poinciana Apts.
- *PAUL BOGLE Night Librarian and Assistant, Engineering Library
140 W. McMillan St.
- FRANCES CURRIE Librarian of the College of Medicine
34 The Roanoke.
- CASSIUS ALBERT VEARIL Student Assistant
6616 Roe St.

THE UNIVERSITY MUSEUM

- DAVID B. CHISHOLM Assistant
4603 Glenshade Ave.

THE MUNICIPAL REFERENCE BUREAU

- SELDEN GALE LOWRIE, PH.D. Director
3411 Clifton Ave.
- *WARWICK BLACK, A.M. Assistant Librarian
3368 Morrison Ave.

†Resigned

ADDRESSES AND LECTURES

1921-1922

CONVOCATION

President McVey, of Kentucky State University; Dr. C. Reifsnider, of St. Paul's University, Tokyo, Japan; Dr. B. J. Bush, Lexington, Ky.; Mr. Frank B. Riley; Rabbi Heller; Mr. Clarence Phillips, Washington, D. C.; Stuart Walker, manager of the Stuart Walker Players.

THE ALLIANCE FRANÇAISE

The Alliance Française, a national association, officially recognized by a decree of the President of the French Republic, October 23, 1886, aims to promote the study of the French language and literature in foreign lands.

The Cincinnati branch of the Alliance Française, in cooperation with the University of Cincinnati, arranges for a number of lectures and meetings to be given during the year by some of the most eminent French writers of the day. To these lectures students of the University of Cincinnati are admitted by season tickets, free of charge.

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS

B. B. Breese, PH.D., Professor of Psychology: "Psychology of Engineering," October 17 and October 31, 1921.

N. R. Whitney, PH.D., Professor of Finance: "Causes of the Present Hard Times," November 7, 1921.

H. M. Benedict, PH.D., Professor of Botany: "The Field of Botany," November 14 and 28, 1921.

G. A. Tawney, PH.D., Professor of Philosophy: "Philosophy and Engineering," January 9, 1922.

N. M. Fenneman, PH.D., Professor of Geology and Geography: "Geology," March 6 and April 10, 1922.

W. E. Thau, Westinghouse Electric and Manufacturing Company: "Electricity on Ship-board," March 20, 1922.

A. M. Wilson, M.E., Professor of Electrical Engineering: "The Trend of Modern Engineering," April 17, 1922.

W.G. Curran, Western Electric Company: "From Manufacturer to Consumer," May 1, 1922.

G. A. Grauel: "Automatic Telephony," May 8, 1922.

AMERICAN SOCIETY OF MECHANICAL ENGINEERS

Dr. Dantzig, S. K. F. Industries: "Ball and Roller Bearings," October 21, 1921.

George Langen, Works Manager, The Cincinnati Planer Company: "Suggestions to Engineering Students," November 29, 1921.

A. G. Sutcliffe, Ilig Electric Ventilating Company: "The Electric Motor and its Relation to Fan and Blower Design," March 13, 1922.

Rev. John W. Christie, pastor of the Mt. Auburn Presbyterian Church: "Human Engineering," April 11, 1922.

Merrill Hibbard, Chief Engineer, The Jeffrey Manufacturing Company: "The Non-Technical Side of Engineering," May 9, 1922.

Major Earle Buckingham, Mechanical Engineer, The Pratt and Whitney Company: "Involute Spur Gears," May 11, 1922.

BLUE HYDRA

E. C. Day, PH.D., Assistant Professor of Zoology: "My Western Trip," November 7, 1921.

Mildred Irwin, graduate student, Department of Botany: "My Special Problem at Miami," December 5, 1921.

A. N. Brooks, graduate student, Department of Botany: "Tree Surgery," January 9, 1922.

O. T. Wilson, PH.D., Associate Professor of Botany: "Plant Tumors," February 20, 1922.

H. M. Benedict, PH.D., Professor of Botany: "Energy Transformation in Plants," March 13, 1922.

E. N. Transeau: "Fresh Water Algae," April 3, 1922.

F. E. Beghtel, A.M., Instructor in Botany: "State Forestry," May 8, 1922.

BRAUNE CIVIL ENGINEERING SOCIETY

C. B. Brainerd, Technical Advisory Corporation, N. Y.: "City Planning," October 24, 1921.

Lieutenant Harding, R.O.T.C., University of Cincinnati: "The Military Engineer," November 7, 1921.

A. E. Morgan, Miami Conservancy District: "Education for Consumption Compared to Education for Production," December 12, 1921.

H. G. Van Leer, Creosote Block Association: "Creosote as a Wood Preservative," January 9, 1922.

Ralph Begien, General Manager of the B. and O. Railroad: "Opportunities in Railroad Engineering," January 16, 1922.

Mr. Hittle, National Asphalt Company: "Asphalt Paving," February 13, 1922.

F. J. Hurst, National Clay Products Association: "Clay Products," March 13, 1922.

HISTORY CLUB

R. C. McGrane, PH.D., Professor of History, College of Engineering and Commerce: "Some Views of the Disarmament Conference."

Rabbi Phillipson: "The Story of the Ghetto."

Herman Schneider, Dean, College of Engineering and Commerce: "Some Utilitarian Values of History."

ROPES LECTURES

Edwin Mims, PH.D., professor of English Language and Literature at Vanderbilt University: "Literature and the National Spirit":—"Athens and Jerusalem," January 9, 1922; "The French Spirit," January 10, 1922; "The English Tradition," January 11, 1922.

Bernard Fay, official lecturer of the Federation de l'Alliance Française: "La vie litteraire," January 23, 1922.

John Duncan Spaeth, PH.D., LITT.D., professor of English at Princeton University: "American Ideals and European Civilization":—"America and Europe," February 20, 1922; "Edwards and Franklin," February 21, 1922; "Walt Whitman," February 23, 1922.

Charles Hall Grandgent, A.B., L.H.D., professor of Romance Languages at Harvard University: "Dante Alighieri 1321-1921":—"Six Centuries After," April 17, 1922; "Accord," April 18, 1922; "The Habit of Knowledge," April 19, 1922.

GENERAL STATEMENT

FOUNDATION AND GROWTH

For an adequate conception of the University of Cincinnati, its growth, its organization, its component parts, its aims and aspirations, it is necessary to go back about a century and trace the checkered but honorable histories of several institutions. In 1814 a number of Cincinnati gentlemen organized the Cincinnati-Lancaster Seminary. Before the building was entirely finished, although the school had been in operation for some years, three prominent citizens secured legislation from the General Assembly authorizing the incorporation of "The President, Trustees, and Faculty of the Cincinnati College," by which the scope of the seminary was broadened. This act was passed in January, 1819, its foremost advocates being General William Little, Jacob Burnet, and Dr. Daniel Drake. The new college, having been merged with the old Cincinnati-Lancaster Seminary, was opened shortly afterwards and continued in operation until 1825.

Later on, in 1834-5, other subscriptions were obtained, and the college was reorganized. Besides the regular academic courses departments of medicine and of law were established and with the latter the Cincinnati Law School, founded the year previous, 1833, by John C. Wright, Timothy Walker, and Edward King, was combined. All departments, except that of law, which still survives, passed out of existence within a few years.

In the same year that the Cincinnati College was organized, the Medical College of Ohio received its charter, the prime mover of its inception being Dr. Daniel Drake. The new institution opened its doors for the reception of students in 1820, its first faculty consisting of Dr. Drake, Dr. Jesse Smith, and Dr. Benjamin Bohrer. The oldest institution for medical education west of the Allegheny Mountains, with a long period of honorable and useful service, it became, in the year 1896, the College of Medicine of the University of Cincinnati.

The interesting course of the Cincinnati Observatory must be followed for thirty years before the time is reached when a new institution—a municipal university—had its birth. Largely through the efforts of Ormsby MacKnight Mitchel, educator, astronomer, soldier, who was at that time professor of mathematics and astronomy of the literary department of the Cincinnati College, the Cincinnati Astronomical Society was formed in 1842, three hundred shares of stock were sold, and an eleven-inch equatorial, the largest in the country at that time, was purchased. The original site on Mt. Adams was donated by Nicholas Longworth, and in spite of financial depression and many other difficulties, Professor Mitchel had the satisfaction of seeing the corner-stone of the Observatory building laid on November 9, 1843, by Ex-President John Quincy Adams.

Professor Mitchel was director from the time of the completion of the building until 1860. In 1868 Professor Cleveland Abbe was appointed director. He secured the cooperation of numerous observers in various parts of the country, inaugurated a system of daily weather reports, and attempted the prediction of meteorological disturbances. After a few months this service passed into the hands of the Western Union Telegraph Company, but the work of Professor Abbe had had its effect, arousing popular interest which led speedily to the formation of the United States Weather Bureau.

In 1872, a short time after the formal incorporation of the University of Cincinnati, the Astronomical Society transferred its property to the new institution, on the condition that the city agree to sustain the Observatory. At the same time a new site on Mt. Lookout was donated and a new building erected. Since that time astronomical work of a high order has been carried on continuously.

Passing now to the history of the University and of its absorption of the above institutions:

On his death, in 1858, Charles McMicken gave to the city of Cincinnati most of his estate, valued at about \$1,000,000, for the purpose of establishing and maintaining "two colleges for the education of white boys and girls." Nearly half of the property devised by Mr. McMicken, situated in the state of Louisiana, was entirely lost, in 1860, by a decision of the Supreme Court of that state, annulling that part of the devise. As the rest of the property, that in Cincinnati and vicinity, did not yield an income sufficient to provide for the establishment of the two colleges, the revenue derived from the estate was for ten years applied to its improvement. For some years after 1869 the trustees gave certain financial assistance to a School of Design, transferred in 1884 to the Cincinnati Museum Association. But in 1870, by a state act, "to enable cities of the first class to aid and promote education," Cincinnati proceeded to the incorporation of the University of Cincinnati. In 1872 additional legislation enabled the city to issue bonds to provide a suitable building, which was not ready for use until the fall of 1875. In the meantime the Academic Department, now the College of Liberal Arts, was established, its courses being given for a while by the teachers of Woodward High School.

The income from the original fund having proved inadequate, the city, in 1893, undertook to aid in the support of the University through public taxation, allowing three tenths of a mill, and, in 1906, five tenths.

The College of Engineering, organized under that name in 1900 and becoming a distinct department with a dean at its head in 1904, developed out of a chair of civil engineering in the College of Liberal Arts. When, in 1887, the Clinical and Pathological School of the Cincinnati City Hospital was organized, it was affiliated with the University, being designated the Medical Department. In 1896 the Medical College of Ohio became the College of Medicine of the University, since which date the Clinical and

Pathological School has been known as the Department of Clinical Medicine. The College for Teachers was organized in cooperation with the Board of Education in 1905. In affiliation with it is the Cincinnati Kindergarten Training School. In 1906 the Graduate School was established as a distinct college, with a dean as its executive officer. In 1909 the Miami Medical College became an integral part of the University and the new College of Medicine of the University of Cincinnati was established. In 1916, under the new City Charter, the Medical College and Cincinnati General Hospital were fused into a single organization which is administered by the Board of Directors of the University. In 1912 the regular evening classes of the College of Liberal Arts were established. In the same year the College of Commerce was organized, and in 1919 was made a part of the College of Engineering, which is henceforth to be known as the College of Engineering and Commerce. In 1912 also the Bureau of City Tests was established in the Engineering College in connection with the Engineer's office of the Department of Public Service of the city. In 1914 the School of Household Arts was established and became in 1919 the Department of Home Economics of the College for Teachers. In 1916 the new Department of Hygiene and Physical Education was organized. In the same year the Cincinnati Hospital Training School for Nurses became the School of Nursing and Health, a department in the College of Medicine. In 1918 the Cincinnati Law School became the College of Law of the University. In 1918, also, under the Smith-Hughes Act, there was established in the College for Teachers the Department of Vocational Education.

BUILDINGS AND SITE

From 1875 to 1895 the Academic Department occupied the building erected on the grounds of the McMicken homestead, as required by the will of the founder. This site proving altogether unsatisfactory, application was made to the courts for permission to remove to a more suitable location in Burnet Woods Park. The desired permission having been granted, steps were immediately taken for the construction of a main building, called McMicken Hall, which was completed in two years. This building stands on high ground at the southern end of the park, forty-three acres having been set apart as a site for the University. During the years 1895 and 1896 the north wing, known as Hanna Hall, was built with funds amounting to about \$70,000, provided by Henry Hanna. The south wing, called Cunningham Hall, was built in 1898 and 1899 by Briggs S. Cunningham, at a cost of \$60,000.

The Van Wormer Library, costing about \$60,000, the gift of Asa Van Wormer, was built during the years 1898 to 1900.

The Observatory, built in 1873 with \$10,000 given by John Kilgour, stands on Mt. Lookout, several miles distant from the other University buildings. A smaller structure, the O. M. Mitchel Building, was added in

1904 to house the old telescope. In 1912 this building was enlarged by the addition of a lecture room, a library, and another small dome.

From 1896 to 1917 the building on the McMicken homestead site was used by the College of Medicine, and the Dispensary occupied a building on the lower part of the grounds. On May 25, 1915, Mrs. Mary M. Emery made an offer of \$250,000 for the construction of a new medical college building, on condition that an additional \$250,000 be raised for equipment, etc. To meet the conditions of Mrs. Emery's gift, donations were received to the amount of \$255,000, making a total of \$505,000. The building was completed in September, 1917, being located on twelve acres of ground on Eden Avenue, given by the city. Quarters for the Dispensary have been provided in the Cincinnati General Hospital.

A gymnasium, power plant, and engineering building, provided by the city at a cost of \$550,000, were completed in December, 1911.

A chemical laboratory, a woman's building, and a stadium, also provided by the city at a cost of \$550,000, were completed in December, 1916.

For many years the College of Law was located in the Mercantile Library Building on Walnut Street between Fourth and Fifth, on the site of the old Lancaster Seminary, of which it is the direct and sole successor. From 1902 to 1920 the college was located at 21 West Ninth Street, near Race Street. At present, pending the erection of a permanent law school building on the University grounds, Burnet Woods, it occupies the building formerly used by the College of Medicine, situated on Clifton Avenue, two squares west of Vine Street.

EQUIPMENT

CARSON FIELD

Carson Field, adjacent to the Gymnasium, contains a baseball diamond, a football gridiron, and a quarter-mile cinder track, with a one hundred and twenty yard straight-away extending in front of the new grand stand. A large part of the work in athletics is done out of doors during good weather, and such games as football, baseball, basket ball, and track athletics are a part of the students' training. Lessons in boxing, wrestling, and fencing are also given to students interested in these forms of exercise. For indoor work, the gymnasium, with its cork-covered running track, white-tiled swimming pool, and spacious locker rooms, affords excellent facilities.

MUSEUMS

The Museum of Natural History consists of a number of geological and biological collections. Among others are specimens donated from the Zoological Garden from time to time; the Balke natural history collections, chiefly of mammals, birds, and insects; the Huntington collection of shells; the Fillmore and Schneider collection of Philippine relics; the

Fechheimer collection of igneous rocks; the Wetherby collection of rocks and minerals; and the McCord collection of fossils and minerals. The Department of Geology and Geography has also on exhibition a part of its working collections of maps, models, minerals, rocks, and fossils. Other valuable collections are the U. P. James collection of fossils and minerals, the Carl Holmes collection of Greenland birds, permanently loaned by the late Dr. and Mrs. C. R. Holmes; donations by Mr. E. Meyer and Dr. Arch I. Carson; and several group mounts of large animals.

In 1918 Mr. James Albert Green presented to the Geological Museum a large collection of minerals made by the late Charles H. Pennypacker of, Westchester, Pennsylvania. The collection embraces from 4,000 to 5,000 specimens, representing from 150 to 200 species.

In the same year the University acquired by request from the late George W. Harper, of Cincinnati, his extensive collection of fossils. The size and quality of this collection give it rank among the leading scientific collections made in the Ohio Valley.

In 1912 the heirs of the late Samuel A. Miller loaned to the University his large collection of fossils (more than 8,000 labels), gathered from various parts of America and Europe. The collection is for sale and is open at all times for inspection by prospective buyers.

THE UNIVERSITY LIBRARY

The Van Wormer Library is open from 8 A.M. to 9:30 P.M., on Monday to Friday; Saturday, 8 A.M. to 5 P.M.

The University Library, in this building, contains about 99,000 volumes and 10,000 pamphlets.

The Library contains some valuable special collections:

The Robert Clarke Library, comprising 6,761 volumes, given by William A. Procter.

The Enoch T. Carson Shakespeare Library, 1,420 volumes, also given by William A. Procter.

The Bruehl Library, of about 2,000 volumes, on the history, archaeology, and ethnology of Mexico and Central America.

The Wilson Library, of English, French, and Italian literature, 810 volumes, given by Judge Moses F. Wilson.

The Merrill Library of engineering works, 876 volumes, 478 pamphlets, and 185 maps, charts, and photo-lithographs, given by Mrs. William E. Merrill.

The Whittaker Medical Library, the bequest of Dr. James T. Whittaker to the Medical College of Ohio, 1,547 volumes and 538 pamphlets.

The Thoms Library, part of the bequest of the late Matthew Thoms.

The Brown Philological Library, consisting of the English philological library of the late Professor Edward Miles Brown. Contains 318 bound volumes, 51 unbound volumes, and 83 pamphlets.

The Charlotte Hillebrand Memorial Library of French and German books, 1,500 volumes.

The Alexander Hill Library of American history and literature, 800 volumes.

The Leon De Gisbert Library, books on French literature, history, and art, 900 volumes.

The Library of the American Association for the Advancement of Science, placed under the charge of the University of Cincinnati, consists at present of 6,000 volumes, for the most part periodical publications of foreign scientific societies.

The Historical and Philosophical Society of Ohio comprises over 30,000 volumes and 69,000 pamphlets, pertaining chiefly to the history of the Ohio Valley, and contains valuable collections of original letters and other manuscripts.

The total number of books, including duplicates, in the Van Wormer Library Building is about 144,000 volumes and 79,000 pamphlets.

To these collections must be added the libraries of departments of the University, situated in other parts of the city. These are:

The Library of the Observatory.....	4,000 volumes
The Library of the College of Medicine.....	7,500 volumes
The Library of the Municipal Reference Bureau.....	700 volumes and 7,500 pamphlets
The Library of the College of Law.....	15,000 volumes
Total.....	27,200 volumes and 7,500 pamphlets

The libraries of the University, excluding those of the Historical and Philosophical Society of Ohio and the American Association for the Advancement of Science, contain 126,200 volumes and 16,500 pamphlets.

The Public Library, the Mercantile Library, and the Lloyd Library and Museum, consisting chiefly of scientific works, as well as the libraries of the Lane Theological Seminary, the Hebrew Union College, the Art Museum, and the College of Music, are open to University students.

GIFTS

1921-1922

COLLEGE OF MEDICINE

The conditional gift from the CARNEGIE CORPORATION of \$200,000 towards the \$2,000,000 endowment.

The portrait of MRS. MARY M. EMERY, to be hung in the College of Medicine.

The loan by the LIEBEL FLARSHEIM COMPANY of an x-ray machine, which has greatly facilitated the work in the College of Medicine.

The three-quarters life size portrait of DR. JOSEPH RANSOHOFF in academic costume, presented by MRS. RANSOHOFF, to be hung in the College of Medicine.

SCHOOL OF NURSING AND HEALTH

MRS. CHARLES SCHRAM, of New York:

\$125 for magazines

1 set of Frosche Anatomical Charts

50 volumes for the library

MISS JULIA WICKES WHEELER.—2 volumes for the library.

COLLEGE OF ENGINEERING AND COMMERCE

MRS. G. W. SNIDER, of Ft. Thomas,—a number of books on engineering subjects.

MRS. R. A. HOLDEN, in memory of her father, MR. J. EVANS LIPPINCOTT, gave \$4,000 for the establishment of the *J. Evans Lippincott Memorial Scholarship Fund*.

THE PRATT AND WHITNEY COMPANY.—A complete set of Hoke gauges, valued at \$600.

Oil paintings for the corridors of the Engineering Building from the following: MR. RALPH CALDWELL, MR. DANIEL COOK, THE KEMPERTHOMAS COMPANY, THE STUDENT TRIBUNAL, THE CLASS OF 1922 and THE CLASS OF 1925 OF COMMERCIAL ENGINEERS.

GRADUATE SCHOOL

THE LIEBEL FLARSHEIM COMPANY.—Apparatus for research work in the Physics Department.

A friend of the University, who is especially interested in its graduate work, has given \$1,900 annually for the purpose of increasing the salary of the Dean of the Graduate School.

COLLEGE OF LAW

MRS. JESSIE P. TYREE, in memory of her husband, MR. WILLARD TYREE, for a scholarship to be awarded to a white, male resident of Letcher County, Kentucky, (the birth-place of Mr. Tyree), \$5,000.

MRS. JOHN R. HOLMES.—Law books, valued at \$3,000.

MRS. JOSEPH B. FORAKER.—500 volumes.

JUDGE FERNINAND JELKE.—200 volumes.

MR. EDWARD F. ALEXANDER.—100 volumes.

COLLEGE OF LIBERAL ARTS

MR. JULIUS FLEISCHMANN, for scholarships, \$1,000.

B'NAI B'RITH, Victor Abraham Memorial Prize, to be given to any student who shall prepare the best essay on some Jewish subject, \$50.

MISCELLANEOUS

THE THOMAS SHERLOCK HEIRS.—Nine large framed classical photographs.

THE CHILDREN OF MR. AND MRS. JOHN R. WRIGHT, in memory of MR. and MRS. JOHN R. WRIGHT and DR. JESSE SMITH (one of the founders of the first college of medicine and surgery).—Rinaldi's statue, "The Wise and Foolish Virgins".

THE GIRLS' CLUB OF 1913.—Two Dutch Sheffield sandwich trays and a Dutch Sheffield vase, for the Women's Building.

THE WOMEN'S CO-OPERATIVE CLUB.—An oil painting, "Marjorie," by Mr. Frank H. Myers.

MRS. MAY BONAR.—The cap and gown of her sister, MISS ADALINE HALLOCK ELLIOTT, deceased.

ENDOWMENT FUND ASSOCIATION

The Endowment Fund Association of the University of Cincinnati was incorporated on April 21, 1905, by a number of prominent citizens of the municipality. The purpose of the corporation, as stated in its code of regulations, is "to secure property, including money, or the income from the same, for the use of the University of Cincinnati, and for that purpose to solicit, collect, accept, hold, manage, invest, or pay over such property, money, or income, whether such property, money, or income arises by way of gift, devise, or purchase, for the benefit of said University." Its affairs are managed by a board of trustees consisting of nine members.

PUBLICATIONS

The official publications of the University are as follows:

THE UNIVERSITY RECORD.—This publication is issued at intervals during the year and comprises the President's Annual Report, bibliographies of the various faculties, the General Catalogue, and the Announcements of the Graduate School, College of Liberal Arts, Evening Academic Courses, College of Teachers, College of Engineering and Commerce, College of Medicine, School of Nursing and Health, and College of Law.

THE UNIVERSITY STUDIES.—This publication is issued in parts and contains the results of research by members of the faculty or by other persons connected with the University of Cincinnati. A price list of these publications may be obtained by addressing the office of the Press.

Student publications of the University are as follows:

THE CINCINNATIAN.—The Cincinnati is the University annual, and is edited and published by the members of the Junior class.

THE UNIVERSITY WEEKLY NEWS.—This paper is the official student bulletin, and is issued every week during the University year.

THE CO-OPERATIVE ENGINEER.—This magazine is published quarterly by the students and alumni of the College of Engineering and Commerce.

STUDENT ORGANIZATIONS

In addition to the Greek Letter societies, the following student organizations met regularly throughout the academic year 1921-1922:

Academic Club, composed of the men of the College of Liberal Arts; Athletic Council; Bird Club; Blue Hydra, a permanent organization devoted to the study of biology; Chemists' Club; French Club; Girls' Glee Club; History Club; Home Economics Club; Literary Society; Menorah Society (a branch of the Intercollegiate Menorah Association); Men's Glee Club; Men's Inter-Fraternity Association; Student Council; Women's Athletic Council; Women's Pan-Hellenic Association; a chapter of the Y. W. C. A.; a chapter of the Y. M. C. A.; Mercuriales Society (physical education organization); Spanish Club; Musical Club; Cincinnati; Mystic Thirteen; Black Ribbon; Ulex; Bag and Hammer; Malvolio Mummies; Calesidoc; Ukestra; Schola Cantorum; University Orchestra; Banjo-Mandolin Club; Amex; Cosmopolitan Club; Masonic Club; Debate Council; Pre-Medic Club; and the Woman's League, open to women of the faculty as well as to women students.

Most matters of student discipline at the University are controlled by the Student Council, composed of the four class presidents and other representatives chosen by the classes.

The Student Tribunal for Self-Government exists in the College of Engineering and Commerce. It consists of five members—three Seniors and two Juniors.

The Three Arts Club is an organization for young women students of music, painting, and the drama, or public speaking. Saturday meetings and other occasions afford delightful opportunities artistically and socially. The annual dues are \$1. Application for membership should be made to Mrs. E. M. Galbraith, 3758 Clifton Avenue. Out-of-town members may live at the Three Arts Club House, 2334 Ashland Avenue, for from \$8 to \$10 a week.

ALUMNAL ASSOCIATIONS

ALUMNAL COUNCIL

1921

Dr. Charles Noonan (College of Medicine)
 Dr. W. E. Murphy (College of Medicine)
 L. L. Weinberger (College of Law)
 Charles B. Wilby (College of Law)
 Alice Donnelly (College of Liberal Arts)
 Dr. Arch I. Carson (College of Liberal Arts)
 Mrs. Christian Kiechler (College of Liberal Arts)
 Richard Paulsen (College of Engineering and Commerce)
 William Bodenstein (College of Engineering and Commerce)
 Judge Smith Hickenlooper, Chairman (College of Liberal Arts)
 Fred K. Hoehler (Executive Secretary)

LIBERAL ARTS ALUMNI ASSOCIATION

ROBERT HEUCK, '13.....	President
HERMAN ROBERT, '18.....	Vice-President
HOWARD L. BEVIS, '18.....	Secretary-Treasurer
ARCHIBALD I. CARSON, M.D., '87.....	} Representatives of Athletic Com- mittee
FRANK RASCHIG, '00.....	
RALPH HOLTERHOFF, '96.....	

*ASSOCIATION OF ALUMNAE

MISS VERNA DANIELS, '16.....	President
MISS MARGARET HASEMEIER, '18.....	Vice-President
MISS GERTRUDE WULFEKOETTER, '17.....	Secretary
MISS HELEN TANGEMAN, '17.....	Treasurer
MRS. DANIEL LAURENCE, '94.....	} Directors
MISS ELSIE METZ, '02.....	

ENGINEERING ALUMNI ASSOCIATION

RICHARD PAULSEN, '12.....	President
WILLIAM E. BODENSTEIN, '13.....	Secretary

COLLEGE OF MEDICINE

This association includes in its membership all the graduates of the Medical College of Ohio, the Miami Medical College, the Laura Memorial College, and the Cincinnati College of Medicine and Surgery. The annual dues of \$2.00 may be paid to the treasurer, who will give in return a card of membership.

CHARLES S. NOONAN, M.D.....	President
REED A. SHANK, M.D.....	First Vice-President
JULIEN E. BENJAMIN, M.D.....	Second Vice-President
SYMME F. OLIVER, M.D.....	Secretary-Treasurer
L. HOWARD SCHRIVER, M.D.....	} Executive Board
WILLIAM L. FREYHOFF, M.D.....	
ALPHONSE R. VONDERAHE, M.D.....	

COLLEGE OF LAW

This association is composed of graduates of the Cincinnati Law School. The present officers are:

CHARLES WILBY, '82.....	President
OTIS FISK, '99.....	Secretary-Treasurer

*This association is composed of graduates of the College of Liberal Arts and Engineering and Commerce and the College for Teachers.

FEES AND EXPENSES

All tuition and fees required from students must be paid in advance and as a condition of registration. Registration shall not be considered as completed until all such payments have been made, and a "late registration fee" shall be added to fees not paid on the days set apart for registration. If fees are not paid promptly, the deans are authorized to exclude students from attendance upon their classes.

Fees are subject to change as conditions necessitate; such changes take effect at once and apply to students already enrolled, unless otherwise specified.

Tuition and fees are not returnable except when withdrawal from the University is caused by sickness or causes which in the judgment of the University authorities are entirely beyond the control of the student. Before application for refund will be considered, it is necessary that the student shall have submitted to the Registrar notice of his withdrawal at the date of such withdrawal. Students withdrawing under discipline forfeit all rights to a return of any portion of their fees.

The full amount of tuition and fees shall be returned to students who fail of admission to the University after same have been paid. In other cases refunds, when allowed, shall be in the following proportions:

During 1st and 2d weeks.....	80%
During 3d and 4th weeks.....	60%
During 5th and 6th weeks.....	40%
During 7th and 8th weeks.....	20%

After the eighth week no refund shall be allowed, but a credit memorandum may be issued for the total amount of the tuition or fees.

When the right of a student to register as a citizen of Cincinnati is in doubt, he must raise the question at once with the Registrar, and obtain the blank provided for the purpose. He shall then present his case in writing to the proper authorities, who will pass upon the matter. No person can gain residence in Cincinnati by enrolling as a student in the University.

If a student misrepresents himself as a citizen of Cincinnati at the time of registration, he shall be assessed the sum of \$10 in addition to the tuition for that semester.

TUITION FEES

In all the colleges except the College of Medicine, if tuition fees are not paid during registration days, but are paid within the two weeks succeeding the last registration day, a penalty of \$7.50 is imposed; if they are not paid then, but are paid within the following two weeks, the penalty is \$12.50; if they are not paid within four weeks after the last registration day, further attendance upon classes is refused.

GRADUATE SCHOOL

Tuition in the Graduate School is free to citizens; students not citizens are charged at the rate of \$7.50 a credit hour a semester.

COLLEGE OF LIBERAL ARTS AND COLLEGE FOR TEACHERS

Regular Students

Tuition in the College of Liberal Arts and the College for Teachers is free to regular students who are citizens of Cincinnati.

*All regular students in the College of Liberal Arts and in the College for Teachers who are not citizens of Cincinnati are charged a tuition fee of \$150 a year, payable in installments of \$75 a semester.

Special and Irregular Students

All special students and irregular students (i.e., students who have satisfied the entrance requirements, but take less than twelve hours a week by special permission) in the College of Liberal Arts and in the College for Teachers, who are citizens of Cincinnati, are charged tuition at the rate of \$3 a credit hour a semester, in advance. A credit hour is one hour's work a week carried through a semester or half year. For instance, tuition for a three-hour course would amount to \$9 a semester, or \$18 a year. If tuition is not paid within one week after the last registration day, an additional fee is charged; if not paid within four weeks after the last registration day, attendance upon classes is refused.

All special and irregular students in the College of Liberal Arts and in the College for Teachers who are not citizens of Cincinnati are charged tuition at the rate of \$7.50 a credit hour a semester, in advance.

Evening Academic Courses

Tuition in the Evening Academic Courses is free (a) to all citizens of Cincinnati; (b) to all teachers† in the public schools of the city, even though they are not citizens of Cincinnati. All other teachers who are not citizens are charged tuition at the rate of \$5 a course a year. Non-residents other than teachers are charged tuition at the rate of \$7.50 a credit hour a semester. A credit hour is one hour's work a week carried through a semester or half year. Laboratory fees are charged for courses in the laboratory sciences.

Summer Pre-Medical Courses

Tuition in the Summer Courses is free to citizens of Cincinnati. Students not citizens pay a tuition fee of \$25. The laboratory fee in chemistry for each course is \$10. A deposit of \$10 is required in chemistry to cover the cost of the breakage of apparatus; whatever is left, after deductions for breakage have been made, is returned. The laboratory fee in physics or zoology is \$15. There are no other expenses connected with the courses.

*Students who entered before September, 1920, and have been in continuous attendance are charged \$100 a year, payable in installments of \$50 a semester.

†Librarians or assistants in the Public Library are given the same rates as teachers in the public schools.

Extension Courses

A fee of \$5 is charged for admission to *each* winter Extension Course; \$10 for *each* summer Extension Course. The laboratory fee for the course in botany is \$10.

Home Economics Education

Tuition in the courses in Home Economics Education is free to citizens of Cincinnati and to teachers in the Cincinnati public schools.

*Courses for Teachers**

Teachers enrolled in the Graduate School, the College of Liberal Arts, or the College for Teachers pay the regular library fee of \$5 a year. Tuition is free to all teachers in the public schools of Cincinnati. All other resident and non-resident teachers are charged tuition at the rate of \$5 a course a year, payable in advance.

Course for Teachers of Art

The fees in the special course for teachers of art are as follows: matriculation fee, \$5; tuition fee for students not citizens, \$18 (for one year's instruction in psychology and the history of education); laboratory fee, \$25 a year; tuition fee, payable at the Art Academy, \$25 a year.

†COLLEGE OF ENGINEERING AND COMMERCE

All cooperative students who are citizens of Cincinnati are charged a tuition fee of \$150 a year, payable in installments of \$100 at the beginning of the first semester and \$50 at the beginning of the second semester. Students entering at the beginning of the second semester are charged \$100.

All cooperative students who are not citizens of Cincinnati are charged a tuition fee of \$200 a year, payable in installments of \$125 at the beginning of the first semester and \$75 at the beginning of the second semester. Students entering at the beginning of the second semester are charged \$125.

This includes all fees, but does not include breakage and other returnable deposits.

Evening Commerce Courses

‡TUITION	RESIDENTS		NON-RESIDENTS	
	1st Sem.	2d Sem.	1st Sem.	2d Sem.
For one two-hour course.	\$12.00	\$ 8.00	\$20.00	\$10.00
For two two-hour courses.	20.00	10.00	30.00	15.00
For three two-hour courses.	25.00	15.00	40.00	20.00
For four two-hour courses.	30.00	20.00	50.00	25.00
For five two-hour courses.	40.00	20.00	60.00	30.00

*Librarians or assistants in the Public Library are given the same rates as teachers in the public schools.

†Students who entered before September, 1920, and have been in continuous attendance are charged the tuition, laboratory, and other fees prevailing at the time of their admission to the college.

‡Includes all charges for the course, with the exception of text books.

COLLEGE OF MEDICINE

Regular Students

Students in the College of Medicine who entered in or after September, 1921, or who, although enrolled previously to that date, re-enter after an absence of one year or longer, are charged a tuition fee of \$300 a year, \$150 payable at the opening of each semester.

Students who enrolled between September, 1920, and September, 1921, pay \$250 a year until graduation or withdrawal.

Students who enrolled between September, 1918, and September, 1920, pay \$200 a year until graduation or withdrawal.

Students who enrolled previously to September, 1918, pay \$150 a year until graduation or withdrawal.

If the tuition is not paid during registration days, but within the following three days, \$1 additional must be paid, and for each day of delinquency thereafter \$.50 is added; if it is not paid within four weeks after the last registration day, further attendance upon classes is refused.

Special, Irregular, Graduate Students

All special students, irregular students (i.e., students who have satisfied the entrance requirements, but who take, by special permission, less than twelve hours of work a week), and graduate students are charged tuition at the rate of \$15 a credit hour a semester, in advance. A credit hour is one hour of didactic or three hours of laboratory or clinical work a week carried through a semester or half year. If the tuition is not paid during registration days, but within the following three days, \$1 additional must be paid, and for each day of delinquency thereafter \$.50 is added; if it is not paid within four weeks after the last registration day, further attendance upon classes is refused.

†*Summer Pre-Medical Courses*

SCHOOL OF NURSING AND HEALTH

Combined Liberal Arts and Nursing Course

For fees covering the two pre-nursing years in the College of Liberal Arts of the five-year combined liberal arts and nursing course, see page 54. During these two years the students are required to pay the same fees as other resident or non-resident students in the College of Liberal Arts.

Owing to the cooperative nature of the three professional years of the five-year combined course, the hospital furnishes tuition and maintenance for the three professional years.

Public Health Nursing Course

Maintenance is not provided for the graduate nurse registered in the public health nursing course, and a tuition charge of \$50 is made for the eight months.

†See page 54.

Special Students

Special students not rendering services in the Cincinnati General Hospital or College of Medicine Dispensary pay tuition at the rate of \$5 a credit hour a semester.

COLLEGE OF LAW

Regular Students

The charge for tuition for regular students is \$150 a year, the first half payable upon registration, the second half at the beginning of the second term.

Special Students

The tuition fee a year to special students is \$15 for a one-hour course; \$25 for a two-hour course; \$30 for a three-hour course.

Summer School Students

The tuition fee is \$15 for a one-hour course; \$25 for a two-hour course; \$30 for a three-hour course.

LABORATORY FEES

All laboratory fees are payable strictly *in advance*.

A student is not permitted to enter a laboratory course until he presents to the instructor in charge a receipt for the payment of his laboratory fee.

GRADUATE SCHOOL, COLLEGE OF LIBERAL ARTS,
COLLEGE FOR TEACHERS

Graduate students taking laboratory courses in the College of Medicine must pay for each course \$15 a semester. (This includes surgical anatomy, bacteriology, bio-chemistry, histology, pathology, pharmacology, physiology.)

Art, \$5 a semester.

Botany, \$10 a semester.

Chemistry, \$15 a semester; \$15 a course a summer term (\$10 a course a summer term for pre-medics).

Geology, \$10 a semester; \$5.00 a semester for a course having but one laboratory period a week.

Metallurgy, \$7.50 a semester; \$7.50 a summer term. (Not required of students taking chemistry.)

Physics, \$10 a semester; \$5 a semester for a course having but one laboratory period a week; \$15 a course a summer term.

Psychology, \$5 a semester.

Zoology, \$10 a semester for each course; \$15 a course a summer term.

Home Economics. See fees indicated in the descriptions of the various courses offered on pp. 159-161. The fees for evening courses which teachers take for professional credit are:

Foods, \$6.

Clothing, \$3.

COLLEGE OF ENGINEERING AND COMMERCE

Evening Commerce Courses

For fees in evening commerce courses, see page 55.

COLLEGE OF MEDICINE

Graduate students taking laboratory courses in the College of Medicine must pay for each course \$15 a semester. (This includes surgical anatomy, bacteriology, bio-chemistry, histology, pathology, pharmacology, and physiology.)

GRADUATION FEES

All graduation fees must be paid at least two weeks before the day appointed for conferring the degree.

GRADUATE SCHOOL

A graduation fee of \$10 is charged a candidate for the degree of Master of Arts, and a fee of \$20 is charged for the degree of Doctor of Philosophy.

COLLEGE OF LIBERAL ARTS, COLLEGE FOR TEACHERS, COLLEGE OF ENGINEERING AND COMMERCE, SCHOOL OF NURSING AND HEALTH

The fee for an undergraduate degree or diploma is \$5.

COLLEGE OF MEDICINE

Students who receive the degree of Doctor of Medicine are charged a diploma fee of \$20.

MISCELLANEOUS FEES

COMBINATION COURSES.—Regular students enrolled in the Graduate School, the College of Liberal Arts, or in the College for Teachers may elect in the College of Medicine courses for which they receive credit in their own college without the payment of additional tuition to the College of Medicine. They must, however, pay the usual laboratory fees.

Special students in the College of Liberal Arts and the College for Teachers who elect in the College of Medicine courses for which they receive credit in their own college are charged tuition at the rate an hour charged by the college in which the credit is received. They must, in addition, pay the usual laboratory fees charged by the Medical College.

In the combined arts and legal course of six years the student must pay tuition to the College of Law at the rate of \$150 a year for three years;

but he need not pay tuition for studies pursued in the College of Liberal Arts, provided he be a citizen of Cincinnati. If he is not a citizen he must pay tuition in the College of Liberal Arts at the rate of \$7.50 a credit hour, or a maximum of \$75 a semester.

Students in the College of Liberal Arts, who are citizens of the city of Cincinnati and elect any work whatsoever in the College of Engineering and Commerce, are charged the full tuition of \$150. Students not citizens are charged \$200 a year.

Regular students in the College of Medicine may elect in the College of Liberal Arts and the College for Teachers courses for which they receive credit in their own college, without the payment of additional tuition. They must, however, pay the usual laboratory fees.

A regular student in the College of Law pursuing other than the six-year combined arts and legal course and electing work in the College of Liberal Arts, must pay tuition in the College of Liberal Arts at the rate of \$3 a semester hour, if he be a citizen of Cincinnati; and \$7.50, if not a citizen.

Special students who are taking courses in any college for professional purposes must pay the usual rate of tuition charged by the college in which credit is received.

GYMNASIUM.—A gymnasium fee of \$5 a year (\$2.50 a semester) is charged all students in the College of Liberal Arts and in the College for Teachers who take more than six hours of work a week, and all students in the Graduate School who elect twelve hours of work a week.

A fee of \$5 a year (\$2.50 a semester) is charged all students in the University, members of the faculty, and alumni who desire to avail themselves of the privileges of the gymnasium and swimming pool.

In the special day classes in swimming or gymnasium, for which no credit is given, alumni and other persons pay as follows: citizens, \$3 a course a semester; students not citizens, \$5 a course a semester. In addition, these students pay the regular gymnasium fee of \$2.50 a semester. Thus the total cost a semester is \$5.50 for citizens and \$7.50 for students not citizens.

CONTINGENT.—A contingent fee of \$10 a year (\$5 a semester) is charged all regular students in the College of Liberal Arts and in the College for Teachers, who are not citizens of Cincinnati, and all students in the Graduate School taking twelve hours of work a week, who are not citizens of Cincinnati; a fee of \$5 (\$2.50 a semester) is charged all special or irregular students in those colleges who are not citizens of Cincinnati and who take more than six and less than twelve hours of work a week.

LIBRARY.—All students in the Graduate School, the College of Liberal Arts, the College for Teachers, and the Evening Academic Courses, must pay a library fee of \$5 a year at the opening of the session.

LATE REGISTRATION.—Students who apply for registration or submit schedules of study on days other than those designated are required to pay a fee of \$1; in the College of Liberal Arts the fee is \$5.

STUDENT ACTIVITY.—All regular day students in all the colleges of the University must pay a student activity fee of \$10 a year, full amount payable the first semester, with the following exception. It is optional for students in the professional schools who have received an undergraduate degree.

SPECIAL EXAMINATIONS.—A fee of \$5 is charged for each supplemental examination for the removal of a condition; a fee of \$1 is charged for each supplemental examination for the removal of an "absence" mark. These fees must be paid even though the conditions are removed without supplemental examinations. Every candidate who applies for the removal of a condition must present to the head of the department in which the condition occurred a receipt showing that the candidate has paid the fee, before the said head of department may report the removal of a condition to the Registrar.

A fee of \$5 is charged for entrance examinations on days other than those specified in the calendar.

ANESTHETICS.—The fee for this course is \$250 a year, payable in advance. No fee is charged students who have paid tuition nor interns in the Cincinnati General Hospital.

HOSPITAL.—The hospital requires the payment of a fee of \$10 of all Senior medical students registered under the state law who attend hospital clinics or courses.

MICROSCOPE.—Each student must own a microscope approved by the professor of the department, or he may rent one from the college, at a cost of \$2.50 a semester.

STATE ENTRANCE CERTIFICATE.—Candidates for the diploma of Graduate Nurse pay a fee of \$3 for the State Entrance Certificate required and issued by the State Medical Board.

DEPOSITS

ENGINEERING BREAKAGE.—All engineering students (except Freshmen who are registered in chemistry laboratory) are required to make a deposit of \$5, payable at the beginning of the first semester. At the end of the school term the student may, upon presentation of his receipt, receive the difference between his deposit and the breakage incurred.

CHEMISTRY BREAKAGE.—An initial breakage deposit of \$10 is required of every student who registers for a laboratory course in chemistry. Furthermore, a \$5 breakage deposit is required of all upper classmen (students not Freshmen) for each additional semester or summer term of laboratory work in the same school year. If a student surrenders his laboratory outfit at the end of any semester or term, an initial breakage deposit of \$10 will be required when the student again registers for a laboratory course in chemistry.

Five dollars of this initial breakage deposit must be kept permanently upon deposit until all accounts with the Department of Chemistry have been settled. For the remaining \$5 a coupon-ticket is issued to the student, with which supplies and apparatus may be obtained at the chemistry storeroom. Should this coupon-ticket become exhausted, the student must purchase a new ticket (\$5) before further supplies will be issued to him at the storeroom.

A breakage deposit of \$5 is required of all students who register for a metallurgy laboratory course, except students who have paid the regular \$10 breakage deposit for chemistry, and Sophomore engineering students who have paid the engineering breakage deposit of \$5.

LOCKER.—A deposit of \$1.25 must be made for the use of a locker; of this amount 25c is retained by the University for each year's use of the locker. A locker may not be transferred from one student to another.

ARMY UNIFORM.—A deposit of \$15 or a surety bond satisfactory to the University authorities is required of all students who receive a United States Army uniform. This is to guarantee the return of the uniform in as good condition as received, except for ordinary wear and tear.

MEDICINE BREAKAGE.—A deposit fee of \$10 is required of each medical student at the opening of each session as a guarantee against breakage of apparatus, instruments, furniture, etc., to be renewed by each student whenever the breakage or damage amounts to \$10. Each student is charged for loss for which he is individually responsible and for his pro rata share of such damage or loss for which the responsibility cannot be individually placed. The balance of this deposit, after deductions for damage have been made, is returned at the end of the year.

Graduate students taking laboratory courses in the College of Medicine must make a breakage deposit of \$10.

NURSING BREAKAGE.—Candidates for the diploma of Graduate Nurse pay a breakage deposit of \$10. The hospital furnishes maintenance.

EXPENSES

	Graduate Liberal Arts or Teachers	Engineering and Com.	Medicine	Home Economics	Law
Tuition:					
Res.....	*	\$150	\$250	....	\$150
Non-Res.....	\$150	200	250	\$150	150
Library Fee.....	5 00	....	....	5 00	....
Gym. Fee.....	5 00	....	....	5 00	....
Contingent Fee					
Non-Res.					
Reg.....	10 00	....	....	10 00	....
Spec.....				5 00	....
Irreg.....	5 00	....	....	....	....
Even.					
Student Activity					
Fee.....	10 00	10 00	†10 00	10 00	†10 00
Lab. Fees.....	**	....	....	\$10 to \$20† \$ 5 to \$10‡ 40¢¶	
Books.....	\$20 to \$25	\$45	\$45 to \$60	\$10 to \$15	\$20 to \$40
Board and Room, a week.....	\$ 6 to \$ 8	\$ 6 to \$ 8	\$ 6 to \$ 8	\$ 6 to \$ 8	\$ 6 to \$ 8
Total Expense.....	\$325	\$500	\$425	\$325	\$86
a year.....	to \$485	to \$600	to \$550	to \$425	to \$108

*Tuition in the Graduate School, the College of Liberal Arts, and the College for Teachers is free to residents of Cincinnati. Non-residents in the Graduate School pay \$7.50 a credit hour a semester.

**Laboratory fees vary according to the courses taken.

†Foods laboratory fees.

‡Textile laboratory fees.

¶Science laboratory fees.

†Optional for professional students having undergraduate degrees.

THE GRADUATE SCHOOL

ADMINISTRATIVE OFFICERS

FREDERICK CHARLES HICKS, PH.D.	President of the University Office, 10 McMicken Hall
LOUIS TRENCHARD MORE, PH.D.	Dean of the Graduate School Office, 20 Cunningham Hall
ERNEST LYNN TALBERT, PH.D.	Secretary of the Faculty Office, 2 McMicken Hall
WHITELAW REID MORRISON, A.M., M.D.	Director of the Gymnasium Office, Gymnasium Building
DANIEL LAURENCE, B.S.	Secretary and Business Manager of the University Office, 4 McMicken Hall
CHARLES ALBERT READ, A.B.	Librarian of the University Library Office, Van Wormer Library Building
LELIA GARVIN HARTMAN, B.L.	Registrar Office, 7 McMicken Hall

FACULTY AND INSTRUCTORS

FREDERICK CHARLES HICKS, PH.D.	President of the University
JERMAIN GILDERSLEEVE PORTER, PH.D.	Director of the Observatory and Professor of Astronomy
HARRIS HANCOCK, PH.D., SC.D.	Professor of Mathematics
*JOHN MILLER BURNAM, PH.D.,	Professor of Latin and Romance Paleography
MAX POLL, PH.D.	Professor of the Germanic Languages
MERRICK WHITCOMB, PH.D.	Professor of History
LOUIS TRENCHARD MORE, PH.D.	Professor of Physics and Dean of the Graduate School
BURTIS BURR BREESE, PH.D.	Professor of Psychology
WILLIAM PAXTON BURRIS, A.M., L.H.D.	Professor of Education
†STEPHEN ELMER SLOCUM, B.E., PH.D.	Professor of Applied Mathematics
NEVIN M. FENNEMAN, PH.D.	Professor of Geology and Geography
GUY ALLAN TAWNEY, PH.D.	Professor of Philosophy
‡FRANK WADLEIGH CHANDLER, PH.D.	Professor of English and Ropes Professor of Comparative Literature
‡PHILIP OGDEN, PH.D.	Professor of Romance Languages
MARTIN H. FISCHER, M.D.	Joseph Eichberg Professor of Physiology
HENRY McELDERRY KNOWER, PH.D.	Francis Brunning Professor of Anatomy

†Resigned

‡Leave of absence, 1921-1922

*Deceased

HARRIS MILLER BENEDICT, PH.D.	Professor of Botany
SELDEN GALE LOWRIE, PH.D.	Professor of Political Science
WILLIAM BUCHANAN WHERRY, A.B., M.D.	Professor of Bacteriology and Hygiene
ALFRED LAWRENCE HALL-QUEST, A.M.	Professor of Education
HARRY SHIPLEY FRY, PH.D.	Professor of Chemistry
HARRY LEWIS WIEMAN, PH.D.	Professor of Zoology
EDWARD F. MALONE, A.B., M.D.	Professor of Histology
DENNIS E. JACKSON, PH.D., M.D.	Professor of Pharmacology
ALEXANDER LEWIS JENKINS, M.E.	Professor of Mechanical Engineering
ALBERT PRESCOTT MATHEWS, PH.D.	Professor of Biochemistry
SAMUEL JAMES MCINTOSH ALLEN, PH.D.,	Professor of Experimental Physics
CLAUDE M. LOTSPEICH, PH.D.	Professor of Comparative Philology, De- partment of German
†FRANK K. SECHRIST, PH.D.	Professor of Education
ROBERT CLYDE GOWDY, PH.D.	Professor of Physics, College of Engineering and Commerce
HENRY MAX GOETTSCH, PH. D.	Professor of Inorganic Chemistry
WILLIAM TUNSTALL SEMPLE, PH.D.	Professor of Classics
REGINALD CHARLES MCGRANE, PH.D.	Professor of History, College of Engineering and Commerce
RICHARD SISSON AUSTIN, M.D.	Professor of Pathology
EARLE EDWARD EUBANK, PH.D.	Professor of Social Science
CHARLES NAPOLEON MOORE, PH.D.	Associate Professor of Mathematics
CLARENCE DIMICK STEVENS, A.M.	Associate Professor of English
HENRY G. HARTMAN, PH.D.	Associate Professor of Philosophy
CLARENCE ORAN GARDNER, PH.D.	Associate Professor of Political Science
EARL FREDERICK FARNAU, PH.D.,	Associate Professor of Organic Chemistry
RALPH EDWARD OESPER, PH.D.,	Associate Professor of Analytical Chemistry
SHIRO TASHIRO, PH.D.	Associate Professor of Biochemistry
EDMUND M. BAEHR, M.D.	Associate Professor of Physiology
CLARENCE JAMES FOREMAN, M.S., A.M., PH.D.	Associate Professor of Economics
ORVILLE TURNER WILSON, PH.D.	Associate Professor of Botany
BEVERLEY BOND, JR., PH.D.	Associate Professor of History
EVERETT IRVING YOWELL, PH.D.	Associate Professor of Astronomy
CAREY P. MCCORD, M.D.	Associate Professor of Preventive Medicine
HENRY ROBINSON SHIPHERD, PH.D.	Associate Professor of English
WALTER H. BUCHER, PH.D.	Associate Professor of Geology
GEORGE ANDREWS HEDGER, PH.D.	Associate Professor of History
OTTO CHARLES VON SCHLICHTEN, A.B.	Assistant Professor of Geology
ERNEST LYNN TALBERT, PH.D.	Assistant Professor of Psychology
HUBERTIS MAURICE CUMMINGS, PH.D.	Assistant Professor of English
EDWARD C. DAY, PH.D.	Assistant Professor of Zoology
MERTON JEROME HUBERT, A.M.,	Assistant Professor of Romance Languages

LEONORA NEUFFER, PH.D.	Assistant Professor of Chemistry
WILLIAM A. CROWLEY, PH.D.	Assistant Professor of Philosophy
IRVING H. BROWN, PH.D.	Assistant Professor of Romance Languages
ROBERT A. KEHOE, B.S., M.D.	Assistant Professor of Physiology
FINIS KING FARR, A.M., D.D.	Lecturer on Biblical Literature
HELEN A. STANLEY, A.M.	Instructor in English
E. LUCY BRAUN, PH.D.	Instructor in Botany
FLOYD ELDON BEGHTEL, A.M.	Instructor in Botany
CLARENCE A. MILLS, PH.D.	Instructor in Biochemistry
WILLARD AUSTIN KINNE, A.B.	Instructor in Romance Languages
WALTER C. PHILLIPS, PH.D.	Instructor in English
CHARLES MURDOCH DISERENS, A.M.	Instructor in Psychology
HAROLD FREDERIC RICHARDS, PH.D.	Instructor in Physics
RODNEY P. ROBINSON, PH.D.	Instructor in Classical Languages
MIRIAM B. URBAN, A.M.	Instructor in History
JAMES F. BOGARDUS, A.B.	Instructor in Economics

ADMISSION

Admission to the Graduate School is granted to holders of a Bachelor's degree conferred by the University of Cincinnati, and to those who present documentary evidence of having received such a degree from other institutions whose requirements are substantially equivalent. Admission to the Graduate School does not, however, signify candidacy for an advanced degree.

Properly qualified students, when duly registered, may, with the approval of the heads of the departments concerned, be admitted as auditors to courses of study. No work taken by auditors may under any circumstances be counted towards a degree.

FELLOWSHIPS, SCHOLARSHIPS, AND PRIZES

THE D. A. R. FELLOWSHIP IN AMERICAN HISTORY was established in 1900 by the Daughters of the American Revolution. It yields an income of \$100 a year, in addition to exemption from the payment of tuition and laboratory fees.

THE HANNA FELLOWSHIP IN PHYSICS was established by Mrs. Henry Hanna and Miss Mary Hanna in 1906. Its value is \$500 a year, in addition to exemption from the payment of tuition and laboratory fees.

THE TEN BALDWIN FELLOWSHIPS, each amounting to \$500 in addition to exemption from the payment of tuition and laboratory fees, have been provided by the Francis Howard Baldwin bequest. For further information apply to the Dean of the Graduate School.

THE MERRELL FELLOWSHIP IN BIOCHEMISTRY, for the investigation of the nature of the natural cure of disease, is established by Mr. Charles G. Merrell, of the firm of the William S. Merrell Company. The stipend is fifteen hundred dollars.

THE ARMSTRONG-HUNTER MEMORIAL FUND, valued at \$1,000, was established in 1910 in memory of Miss Sarah J. Armstrong and Miss Clara Hunter, by eighty of their former pupils. This fund has been used to found a scholarship in the Department of English Literature in the Graduate School, for a woman who is a graduate of the University.

RHODES SCHOLARSHIPS.—Men who have completed their Sophomore year at the University of Cincinnati are eligible to compete for the Cecil Rhodes Scholarships, tenable for three years at Oxford University, England, with a stipend of \$1,500 each year. These scholarships are awarded on the combined basis of character, scholarship, athletics, and leadership in extra-curriculum activities. Further information may be obtained from any member of the Rhodes Scholarship Committee of Selection for Ohio;

Chairman, President W. O. Thompson, Ohio State University, Columbus, Ohio; Professor B. E. Schmitt, Western Reserve University, Cleveland, Ohio; Cary R. Alburn, Esq., Attorney, Garfield Bank Building, Cleveland, Ohio; Secretary, Professor Leigh Alexander, Oberlin College, Oberlin, Ohio.

TEN GRADUATE SCHOLARSHIPS are offered by the University in several departments which exempt their holders from the payment of tuition fees. Applications should be addressed to the Dean of the Graduate School.

For the fellowships, scholarships, and prizes of the various colleges, consult their several Announcements.

REQUIREMENTS FOR THE DEGREE OF MASTER OF ARTS AND MASTER OF SCIENCE

Completion of the requirements for the Master's degree requires at least one full year's residence in the Graduate School. Acceptance in candidacy for the degree of Master of Arts shall be determined by the Advisory Committee not later than the beginning of the last semester of work. When a student's college training has been defective, or when he is registered in a professional school, engaged in teaching, or otherwise occupied so that he cannot devote his entire time to his work, the Advisory Committee shall determine how much, if at all, the one-year period should be increased.

A student desiring to become a candidate for this degree shall designate, at the time of his admission to the Graduate School, the subjects and courses which he elects to study, and shall at the same time obtain approval of his election from his Adviser (the head of the department in which he elects his major work). The student must then satisfy the Dean of the Graduate School that the courses he has elected have been approved by the heads of the departments concerned.

The courses offered for the degree of Master of Arts shall represent not less than twenty-four credit hours of graduate instruction, of which at least twelve shall be in the major subject. In case the candidate elects a major in the same department in which he has completed a major in fulfillment of the requirements for a Bachelor's degree, he may, under the direction of his Adviser, elect sufficient work in some allied department to complete the twelve credit hours. No credit is given for a course in which the student does not receive a record of "Satisfactory".

Each candidate for the Master's degree must present a thesis on a subject approved by his Adviser. The title of this thesis shall be submitted to the Dean at least six months before the degree is conferred. The thesis must be typewritten on regulation paper and be filed with the Dean before the close of the final semester of graduate study, together

with a certificate of approval from the student's Adviser. The date for submitting the thesis is determined by the Adviser.

Candidates for the degree of Master of Arts are required to pass an oral examination before a committee of the faculty.

The requirements for the degree of Master of Science shall be the same as those for the degree of Master of Arts, subject to the following modifications: candidates must register in one of the departments of the natural sciences for their major work, and a thesis, embodying the results of a laboratory investigation in the major subject, must be presented to the faculty.

Students in professional schools, in addition to the above regulations, should note the following: in the major subject the courses presented for the degree of Master of Arts or for the degree of Master of Science, to the extent of at least twelve credit hours, may not also have been presented as part of the requirements, either as to time or subject credit, for a professional degree. Courses, elected as minor subjects, may be counted also for a professional degree, but such courses must be listed in the Announcement of the Graduate School.

Degrees will not be conferred *in absentia*, except by special permission from the President.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

For the Doctor's degree three years of graduate study will ordinarily be required. In cases where the student's college training has been defective or he cannot devote his whole time to the work, the period of study will be longer than three years. At least the last year of study must be spent in residence at the University of Cincinnati. Students may be permitted to count for the Doctor's degree work done for the Master's degree, provided that such work is satisfactory in character.

A candidate for the Doctor's degree shall designate at the time of his admission to the Graduate School three subjects which he desires to pursue. These are known as a major and two minor subjects, not more than two of which shall be selected in one department. The candidate shall satisfy the Dean of the Graduate School that his selection has received the approval of the heads of the departments in which the courses have been selected. These heads of departments, together with the Dean of the Graduate School, constitute an advisory committee, under whose direction the candidate shall pursue his graduate course.

A candidate for the Doctor's degree is expected to be able to read French and German. In order to receive the degree he must have completed satisfactorily such courses as shall be prescribed by his Advisory Committee, representing not less than forty-eight units of instruction em-

bodied in a major and two minor subjects, thirty units of which must be given to the major subject, and must have passed such written examination on his major and minor subjects as the Advisory Committee may indicate and an oral examination before the faculty. The statement of the number of units required for the Doctor's degree is to be taken as a minimum requirement. The degree is given, not as a result of the completion of a certain number of units of study, but on the basis of long study and scientific accomplishment. No credit is given for a course in which the student does not receive a record of "Satisfactory".

The candidate is furthermore required to present, in such form as the Advisory Committee may determine, a thesis which gives evidence of high attainment and power of independent research. The thesis must be accepted before the candidate is allowed to take his final examinations.

All theses offered for the Doctor's degree must be filed with the Dean not later than six weeks before the close of the final semester of graduate study. Moreover, each student is required to deposit in the University library one hundred printed copies of his thesis. If the thesis is published in a journal approved by the candidate's Advisory Committee, ten printed copies may be deposited in the library. The candidate may receive his diploma before the thesis is printed, provided a typewritten copy is deposited with the Librarian and the sum of \$50 with the Registrar of the University. This sum will be returned upon the presentation to the library of the required number of printed copies of the thesis.

Degrees will not be conferred *in absentia*, except by special permission from the President.

ADMISSION TO ADVANCED STANDING

Work done at other universities may be accepted as an equivalent for part of the work required for a graduate degree. All claims for such credit, together with all claims for advanced standing, must be filed with the Dean of the Graduate School within three weeks after the student enters upon his work at the University or resumes his work after a leave of absence for the purpose of carrying on work at another university.

At least twelve credits of the twenty-four required for the Master of Arts degree must be obtained by work done in residence at the University of Cincinnati.

INSTRUCTION

The work of each candidate for a degree shall be under the direction of an advisory committee, composed of the Dean and of the heads of the departments in which the work is taken.

The unit of instruction is one period a week for one semester.

Graduate students will receive no credit towards a degree of Master of Arts, Master of Science, or Doctor of Philosophy for courses which are not of an advanced character. All courses for which credit is expected must be listed in the announcement of the Graduate School. Supplementary work must be specified in courses which are intended primarily for advanced undergraduate students; otherwise, but half credit will be allowed.

While the nature of the students' work may vary in the subjects selected, it is understood to require a regular attendance at class meetings or in the laboratory, and shall not be in any respect of that character of work known as *in absentia*. No credit will be given towards a graduate degree for work done prior to the conferring of a Bachelor's degree or its equivalent.

SPECIAL ARRANGEMENTS

With the approval of the Dean of the Graduate School and their Advisers, candidates may offer certain courses taken in the Lane Theological Seminary and in the collegiate department of the Hebrew Union College in partial fulfillment of the requirements for the degree of Master of Arts. Not more than twelve units may be counted in fulfillment of the requirements of minor subjects for the Master's degree. For further information regarding courses offered under this agreement, see Departments of History and Philosophy.

COURSES OF INSTRUCTION

Supplementary work is in all cases required in courses which are intended primarily for advanced undergraduate students; otherwise, but half credit is allowed.

ANATOMY

The number of graduate students admitted to these courses will, at present, be limited. Evidences of necessary preliminary preparation and fitness must be submitted to the professors in charge of courses.

102. HISTOLOGY AND ORGANOLOGY.—(a) *First semester*, M., W., Th. afternoons; (b) *Second semester*, W. and F. afternoons for the first 12 periods. Six credit hours. Dr. Malone
103. NEUROLOGICAL ANATOMY.—(b) The last 20 periods of the *second semester*, W. and F. afternoons. Two credit hours. Dr. Malone
104. HUMAN ANATOMY.—(a) *First semester*, Tu., Th., F., and S. mornings. Six credit hours. (b) *Second semester*, Tu., Th., F., S. mornings, and M. afternoon. Seven credit hours. Dr. Knowler

The courses outlined above may be taken as minors, graduate students who wish to major in any anatomical subject must first take courses Nos. 1, 2, 3, 4; or 101-104, as prerequisites.

105. RESEARCH OR SPECIAL STUDIES. Dr. Knowler
108. SEMINAR.—One credit hour

ASTRONOMY

For Graduates and Undergraduates

An extra amount of computing will be required of graduate students in the following courses:

103. SPHERICAL AND PRACTICAL ASTRONOMY.—Once a week throughout the year. Mr. Porter, Mr. Yowell
104. CELESTIAL MECHANICS.—Once a week throughout the year. Mr. Porter, Mr. Yowell

BACTERIOLOGY AND HYGIENE

The work is done on two floors of the pathologic institute. One of these is devoted to a student's laboratory and special research rooms, and

a second (top floor) to special operating rooms and quarters for animals. As the central bacteriological laboratory of the hospital, the department has access for teaching purposes to everything dealing with the problem of communicable diseases which comes up in the hospital. As far as possible the medical aspects of bacteriology and animal parasitology are taught by making the student study material obtained from the wards and post-mortem rooms of the hospital.

101 and 102. GENERAL BACTERIOLOGY AND THE ANIMAL PARASITES OF MAN.—*First semester*, 174 hours, 5 credit hours.

Dr. Wherry, Mr. McKhann

103. ADVANCED BACTERIOLOGY. Dr. Wherry

104. RESEARCH WORK. Dr. Wherry

105. LECTURES ON HYGIENE.—*Second semester*, 16 hours, 1 credit hour.
Dr. McCord

106. SERUM DIAGNOSIS AND THERAPEUTICS.—Eight hours, $\frac{1}{2}$ credit hour.
Dr. Berghausen

107. GRADUATE WORK IN BACTERIOLOGY AND PARASITOLOGY.
Drs. Wherry, McCord

108. RESEARCH.—Credit according to number of hours elected.
Dr. Berghausen

109. SEMINAR.—Saturday mornings. One credit hour.

BIBLICAL LITERATURE

109a. EIGHTH CENTURY PROPHETS.—*First semester*, Tu., Th., 11:30-12:30.
Mr. Farr

110b. WISDOM LITERATURE.—*Second semester*, Tu., Th., 11:30-12:30.
Mr. Farr

BIOCHEMISTRY

For Graduates and Undergraduates

101a. CHEMISTRY OF THE CELL, DIGESTION, AND URINE.—Three credit hours. M., W., 8:30-9:30; F., 11:30-12:30. Mr. Mathews

102a. CHEMISTRY OF THE CELL, DIGESTION, AND URINE.—Three credit hours. M., W., 9:30-12:30; F., 1:15-4:15.

Mr. Mathews, Mr. Tashiro

NOTE—The above courses are repeated in the summer session.

Primarily for Graduates

- 104b. INTERNAL SECRETIONS.—One credit hour. Tu., 11:00-12:00.
Mr. Mathews
- 105b. ADVANCED QUANTITATIVE METHODS OF ANALYSIS OF BLOOD AND URINE.—Six or 12 hours a week. Two, three, or six credit hours.
Mr. Tashiro
- Prerequisite: Courses 1, 2, or equivalent
106. PHYSICO-CHEMICAL METHODS OF BIOCHEMISTRY.—Three or six credit hours.
Mr. Tashiro
107. RESEARCH. Mr. Mathews, Mr. Tashiro, Mr. Mills
108. SEMINAR.—Fifteen hours. One credit hour. Department staff
109. MICROCHEMICAL METHODS.—Three or six credit hours. Mr. Tashiro

BOTANY

To pursue advanced courses in botany the student should have some training in physics and chemistry, and should be able to read French and German. Special facilities are afforded students pursuing courses of research.

REQUIREMENTS FOR DEGREES

To enter upon work for the degree of Master of Arts in botany, students must have completed Courses 1, 2, 3, 4, 5, 6a, 6b, 16a, 16b, 18, or their equivalents. (See Announcement of the College of Liberal Arts.) Courses "For Undergraduates and Graduates" may be counted as graduate subjects towards the degree of Master of Arts by students who have elected majors in other departments. When botany is chosen as a minor for the degree of Doctor of Philosophy, the work required approximates that of the full course for the degree of Master of Arts in botany. The requirements for a higher degree, when botany is chosen as a major subject, are adequately stated under the general requirements for degrees (pages 67, 68).

For Graduates and Undergraduates

A thesis is required of all graduates who enroll in courses open to undergraduates.

105. SYSTEMATIC BOTANY.—One lecture with one laboratory or field period of work a week on the local plants. Miss Braun
- Prerequisite: Courses 1 and 2

110. PLANT BREEDING.—M., W., 11:30-12:30. Mr. Benedict
Prerequisite: One year of either botany or zoology.
- 116a. PLANT HISTOLOGY.—*First Semester*, lec., M., 1:00-2:00; lab., M.,
W., 1:00-4:00.
Prerequisite: 'Two years' work in botany Mr. Beghtel
- 116b. PLANT CYTOLOGY. — *Second Semester*, lec., M., 1:00-2:00; lab., M.,
W., 1:00-4:00. Mr. Beghtel
Prerequisite: Course 116a
117. SPECIAL PROBLEMS.—One, two, or three credits. Instructor accord-
ing to problem chosen.
Prerequisite: Three years' work in botany
118. PLANT PHYSIOLOGY.—Two lectures a week. Mr. Benedict

Primarily for Graduates

120. CURRENT PROBLEMS IN BOTANY.—One or two credit hours.
Mr. Benedict
Prerequisite: Courses 1, 2, 3, 4, 5, 6a, 6b, 16a, 16b, 18
121. RESEARCH.—Credit according to number of hours elected.
Mr. Benedict, Mr. Wilson, Miss Braun

CHEMISTRY

SPECIAL REQUIREMENTS FOR HIGHER DEGREES

The Degree of Doctor of Philosophy

A. Chemistry as the Major Subject.—All candidates who make chemistry their major subject in the Graduate School must have completed the following courses or their equivalents (see Announcement of the College of Liberal Arts): 1a, 2a, 3b, 4b, 5a, (or 5c), 6a (or 6c), 7a (or 7c), 7b, 8b (or 8c), 9b (or 9c), 12a, 18a, 19a (or 19c), 32b. In addition to these requirements, students who specialize in a certain branch of chemistry must complete the advanced courses required in connection with the elected branch. The completion of the prerequisite and the elected courses, however, does not satisfy the requirements to be fulfilled by the candidate for a higher degree: he must show a maturity acquired by personal intimacy with the literature and methods of chemistry.

Each candidate for an advanced degree must take an active part in chemistry seminar during his graduate residence.

B. Chemistry as the Minor Subject.—It is not possible to state precisely those courses which may be required in each particular case. The

choice will be made after consultation with the head of the department in which the major work falls. The usual minimum prerequisite requirements are Courses 1, 2a, 3b, 4b, 5a, 6a, 7a. If the candidate has chosen one of the physical sciences as his major subject, Courses 12a and 13a (one semester) are required; if one of the biological sciences has been made the major subject, Courses 8b and 9b are taken.

The Degree of Master of Arts

A candidate for the Master's degree must present a thesis embodying the results of some experimental work, or a written account in some detail of a subject suggested by the instructor under whose direction the student has been placed.

For Graduates and Undergraduates

Graduate students who register for Courses 110a—124b are required to complete additional assignments of a more advanced character than those required of undergraduates.

- 110a. ADVANCED INORGANIC CHEMISTRY.—*First semester*, Tu., Th.,
8:30-9:30. Mr. Fry
- 111. INORGANIC PREPARATIONS.—*First or second semester*. Mr. Oesper
- 112a. PHYSICAL CHEMISTRY.—*First semester*, M., W., F., 10:30-11:30.
Mr. Farnau
- 113a. PHYSICAL CHEMISTRY, LABORATORY.—*First semester*, F., 1:00-4:00;
S., 8:30-11:30. Mr. Farnau
- 119a. INTERMEDIATE ORGANIC CHEMISTRY.—M., W., F., 9:30-10:30
Miss Neuffer
- 132b. ELECTRO-CHEMISTRY. — *Second semester*, M., W., F., 10:30-11:30.
Mr. Farnau
- 133b. ELECTRO-CHEMISTRY, LABORATORY. — *Second semester*, F., 1:00-4:00;
S., 8:30-11:30. Mr. Farnau
- 134a. CHEMISTRY OF COLLOIDS.—*First semester*, three lectures a week.
Mr. Oesper
- 128. ULTIMATE ORGANIC ANALYSIS. Mr. Oesper
- 120b. ADVANCED ORGANIC CHEMISTRY.—*Second semester*, M., W., F.,
9:30-10:30. Mr. Farnau
- 121. ADVANCED ORGANIC CHEMISTRY, LABORATORY.—Credit according
to number of hours elected. Mr. Farnau
- 124b. HISTORY OF CHEMISTRY.—*Second semester*, three exercises a week.
Mr. Fry

Primarily for Graduates

130. RESEARCH. Mr. Fry, Mr. Goettsch, Mr. Oesper, Mr. Farnau
 140. SEMINAR.—M., 4:00. Mr. Fry

CIVIL ENGINEERING

124. ADVANCED RESEARCH WORK

CLASSICS

GREEK

106. Subject to be chosen by conference. Three hours. Mr. Robinson

LATIN

110. LATIN SEMINAR.—Three hours. Mr. Semple

ECONOMICS

(The Sinton Professorship)

For Graduates and Undergraduates

In the following courses additional reading and reports will be required of graduate students.

- 115a. TRANSPORTATION.—*First semester*, M., W., F., 10:30-11:30.
 Mr. Foreman
 118b. FOREIGN TRADE POLICIES.—*Second semester*, M., W., F., 10:30-11:30.
 Mr. Foreman
 119a. MONEY AND BANKING.—*First semester*, M., W., F., 9:30-10:30.
 Mr. Foreman
 120b. MONOPOLIES AND TRUSTS.—*Second semester*, M., W., F., 9:30-10:30.
 Mr. Foreman
 116b. LABOR.—*Second semester*, Tu., Th., 2:00-3:00. Mr. Bogardus
 131. STATISTICS.—M., 5:00-7:00. Mr. Foreman
 124. PRESENT PROBLEMS IN ECONOMIC THEORY.—Two hours.
 Mr. Whaling
 125. PROBLEMS IN FINANCE.—Two hours. Mr. Whitney
 126. THEORY OF ACCOUNTING.—Two hours. Mr. Stevenson

Primarily for Graduates

112. HISTORY OF ECONOMIC THEORY.—Twice weekly. Mr. Foreman

121. SEMINARY.—Twice weekly. Mr. Foreman
123. RESEARCH.—Credit according to number of hours elected. Mr. Foreman

EDUCATION

Those candidates for graduate degrees who intend to become instructors in education, and those who wish to qualify for supervisory or administrative positions in schools, may elect education as the major subject; other graduate students may elect education as a minor, subject to the approval of the head of the department in which the candidate's major subject is chosen.

Subject to the approval of the instructor in each case, graduate courses in education are open also to teachers who are prepared to pursue such courses in a satisfactory manner, even though such teachers be not candidates for a graduate degree.

A candidate for a graduate degree who elects education as a major subject must have had approved undergraduate courses in education and psychology, and will be required to take Education 101. Beyond these requirements the candidate's elections are subject to the approval of the instructors in education.

101. STUDIES IN HISTORY AND PHILOSOPHY OF EDUCATION.—Th., 4:00-5:30. Mr. Burris
- 103a. SECONDARY EDUCATION.—*First semester*, Tu., 4:00-6:00. Mr. Hall-Quest
- 103b. EDUCATIONAL VALUES OF VARIOUS STUDIES IN SECONDARY EDUCATION.—*Second semester*, Tu., 4:00-6:00. Mr. Hall-Quest
104. PROBLEMS OF APPRECIATION IN VARIOUS SCHOOL SUBJECTS.—S., 8:30-10:30. Mr. Hall-Quest
- 110a. EXPERIMENTAL EDUCATION.—*First semester*, W., 4:00-6:00. Mr. Sechrist* and Mr. Burris
112. MEASUREMENT OF RESULTS IN EDUCATION.—S., 10:30-12:00. Mr. Burris
114. EDUCATIONAL ECONOMY.—*First semester*, W., 4:00-6:00. Mr. Sechrist* and Mr. Burris

*To December 8, 1921

ENGLISH

COMPARATIVE LITERATURE

(The Nathaniel Ropes Foundation for the Comparative Study of Literature)

For Graduates and Upper-Classmen

Additional reading and reports are required of graduates taking courses open to undergraduates.

106. VICTORIAN POETRY.—M., W., F., 8:30-9:30 Mr. Shipherd
147. HISTORY OF THE ENGLISH LANGUAGE.—Tu., Th., 8:30-9:30.
Mr. Lotspeich
110. CHAUCER AND HIS PERIOD.—Tu., Th., 11:30-12:30. Mr. Stevens
112. LITERARY COMPOSITION.—Tu., Th., 10:30-11:30. Mr. Shipherd
Membership in Course 112 is strictly limited. Those who wish to register should first submit manuscripts to the instructor for approval.
114. ENGLISH DRAMA TO 1642.—Tu., Th. 11:30-12:30. Miss Stanley
116. ROMANTIC POETRY AND PROSE (1798-1832).—Tu., Th., 9:30-10:30.
(Omitting the novel) Mr. Phillips

For Graduates Only

120. EUROPEAN FICTION.—Seminary, M., 4:00-6:00. Mr. Stevens

GEOLOGY AND GEOGRAPHY

For Graduates and Undergraduates

107. MINERALOGY.—Tu., Th., S., 9:30-10:30; F., 1:40-5:00.
Mr. von Schlichten
108. INTRODUCTORY PALEONTOLOGY.— Mr. Bucher
113. SPECIAL WORK IN GEOLOGY.—Credit according to number of hours elected.
109. HISTORICAL GEOLOGY.—Lec., Tu., Th., 8:30-9:30. Mr. Bucher

111. STRUCTURAL GEOLOGY.—Credit according to work elected.
Mr. Bucher
122. FIELD COURSE.—Six credits.
Mr. von Schlichten

GERMAN

For Graduates and Undergraduates

Additional reading is required of all graduate students who enter courses open to undergraduates.

105. HISTORY OF GERMAN LITERATURE TO THE NINETEENTH CENTURY.—
M., W., F., 10:30-11:30. Mr. Poll

Primarily for Graduates

112. FAUST.—W., 4:00-6:00. Mr. Poll
Prerequisite: Course 105
116. GERMAN NOVEL OF THE NINETEENTH AND TWENTIETH CENTURIES.—
M., 4:00-6:00. Mr. Poll
Prerequisite: Course 105

HISTORY

For Graduates and Undergraduates

Graduate students enrolled in mixed courses are expected to do extra work in order to receive full credit for the course.

121. AMERICAN COLONIAL HISTORY.—Tu., Th., 10:30-11:30. Mr. Bond
122. HISTORY OF AMERICAN DIPLOMACY.—M., W., 11:30-12:30.
Mr. McGrane
125. EUROPE SINCE 1815.—Tu., Th., 9:30-10:30. Miss Urban
126. ENGLAND AND GREATER BRITAIN SINCE 1815.—Tu., Th., 11:30-12:30.
Mr. Hedger

Primarily for Graduates

130. SEMINARY IN AMERICAN HISTORY.—Tu., 4:00-6:00. Mr. Bond
Subject for 1921-1922, *The Old Northwest, 1789-1816*

MATHEMATICS

For Graduates and Undergraduates

108. ADVANCED INTEGRAL CALCULUS.—M., W., F., 11:30-12:30.
Mr. Hancock
109. DIFFERENTIAL EQUATIONS.—M., W., F., 11:30-12:30. Mr. Hancock

Primarily for Graduates

139. THEORY OF NUMBERS, PART V.—Tu., Th., 4:00-6:00. Mr. Hancock
128. THEORY OF FUNCTIONS OF A REAL VARIABLE.—M., W., 4:00-5:30.
Mr. Moore
160. COURSE IN READING AND RESEARCH.—Credit according to number
of hours elected. Mr. Moore

MATHEMATICS (APPLIED)

100. VECTORIAL MECHANICS.—Two credit hours a semester. Mr. Brand

MECHANICAL ENGINEERING

132. ADVANCED EXPERIMENTAL ENGINEERING

PALAEOGRAPHY

Owing to the death of Professor Burnam no courses in palaeography were given during the year 1921-1922.

PATHOLOGY

(The Mary M. Emery Chair of Pathology)

The work in pathology is carried on in the pathologic institute, about half of the space in the building being used by the department of pathology. Since the professor of pathology is pathologist to the hospital, its resources are available for teaching purposes.

The nature of the subject of pathology makes the satisfactory completion of the required elementary courses in anatomy, histology, embryology, and physiology prerequisite for admission to the courses in pathology.

103. GENERAL AND SPECIAL PATHOLOGY.—168 hours. *First semester*,
Tu., Th., F., 8:30-12:30. Dr. Austin
104. SPECIAL TOPICS IN PATHOLOGY.— Drs. Cofield and Shinkle
105. CLINICAL AND PATHOLOGICAL CONFERENCES.—S., 12:00-1:00.
Dr. Austin
See Department of Medicine, Announcement of College of
Medicine.
106. ADVANCED WORK AND RESEARCH.—For qualified persons who
desire to do special work under the direction of the head of the
department.

PHILOSOPHY

For Graduates

While these courses include the undergraduate courses coming at the same hours, they are more intensive than the latter and involve in part another subject-matter.

- 102a. LOGIC.—*First semester*, Tu., Th., S., 10:30-11:30. Mr. Tawney
- 102b. THEORY OF SCIENTIFIC METHOD.—*Second semester*, Tu., Th., S.,
10:30-11:30. Mr. Tawney
- 104a. HISTORY OF PHILOSOPHY TO THE BEGINNING OF THE CHRISTIAN
ERA.—*First semester*, M., W., F., 8:30-9:30. Mr. Tawney
- 104b. HISTORY OF THE PHILOSOPHY OF THE MIDDLE AGES.—*Second
semester*, M., W., F., 8:30-9:30. Mr. Tawney
- 105a. ETHICS.—*First semester*.
Sec. I: Tu., Th., S., 10:30-11:30 Mr. Crowley
Sec. II: M., W., F., 10:30-11:30 Mr. Tawney
Sec. III: M., W., F., 1:00- 2:00 Mr. Crowley
- 105b. ETHICAL INTERPRETATIONS.—*Second semester*.
Sec. I: M., W., F., 10:30-11:30 Mr. Crowley
Sec. II: M., W., F., 10:30-11:30 Mr. Tawney
Sec. III: M., W., F., 1:00- 2:00 Mr. Crowley
122. ETHICS.—M., 7:30-9:30. Mr. Crowley
- 108a. AESTHETICS.—*First semester*, Tu., Th., 11:30-12:30. Mr. Hartman
- 108b. AESTHETICS.—*Second semester*, Tu., Th., 11:30-12:30. Mr. Hartman
109. MONOTHEISM AND MODERN IDEALISM.—Tu., 8:30-10:30
Mr. Tawney

110. HISTORY OF SCIENCE.—M., W., F., 9:30-10:30. Mr. Crowley
127. RECENT TENDENCIES IN PHILOSOPHY.—W., 7:30-9:30.
Mr. Hartman
133. COURSES IN JEWISH PHILOSOPHY.
Given in the Hebrew Union College by Dr. Neumark and Dr. Kohler.

PHYSICS

For Graduates and Undergraduates

- 132a. PHILOSOPHY OF SCIENCE.—*First semester*, Tu., Th., 10:30-11:30.
Mr. More
- 132b. PHILOSOPHY OF SCIENCE.—*Second semester*, Tu., Th., 10:30-11:30.
Mr. More
- 119a. THEORY OF HEAT.—Three times weekly. Mr. Richards
- 115b. THEORY OF LIGHT.—Three times weekly. Mr. Richards
108. ADVANCED EXPERIMENTAL PHYSICS.—Credit according to number of hours elected. Mr. Allen, Mr. More, Mr. Gowdy
110. SEMINARY.—Tu., 4:00-6:00. Mr. More
- 133a. DISCHARGE OF ELECTRICITY THROUGH GASES.—Twice weekly.
Mr. Allen
- 133b. DISCHARGE OF ELECTRICITY THROUGH GASES.—Twice weekly.
Mr. Allen

For Graduates Only

107. LECTURES ON THEORETICAL PHYSICS.—Twice weekly. Mr. More
109. RESEARCH.—Daily. Mr. More, Mr. Allen, Mr. Gowdy
Those electing this course are supplied with all the apparatus needed, and with the assistance of the mechanician.

PHYSIOLOGY

(THE JOSEPH EICHBERG PROFESSORSHIP)

The first five of the following courses representing advanced work in physiology required of students of medicine may be elected by graduate workers to satisfy the requirements for their minors. Such choice may,

however, be made only after consultation with the head of the department and in connection with extra reading and study.

101. MEDICAL PHYSIOLOGY.—Freshman year, *second semester*, 75 hours,
4½ credit hours. Dr. Fischer
102. MEDICAL PHYSIOLOGY.—Freshman year, *second semester*, 100 hours,
2 credit hours. Drs. Fischer, Kehoe, McIntyre, Eckstein
103. MEDICAL PHYSIOLOGY.—Sophomore year, *first semester*, 75 hours,
4½ credit hours. Dr. Fischer
104. MEDICAL PHYSIOLOGY.—Sophomore year, *first semester*, 45 hours,
3 credit hours. Dr. McIntyre
105. MEDICAL PHYSIOLOGY.—Sophomore year, *first semester*, 80 hours,
4 credit hours. Drs. Fischer, Kehoe, McIntyre, Eckstein
106. RESEARCH.— Dr. Fischer

POLITICAL SCIENCE

For Graduates and Undergraduates

In courses open to both graduates and undergraduates, graduate students are expected to do a greater amount of reading than undergraduates, and such additional work as the instructor prescribes.

- 102a. INTERNATIONAL LAW.—M., W., F., 9:30-10:30. Mr. Lowrie
- 103a. DEVELOPMENT OF POLITICAL THOUGHT.—*First semester*, Tu., Th.,
1:00-2:00. Mr. Gardner
106. PUBLIC FINANCE AND TAXATION.—M., W., F., 10:30-11:30
Mr. Lowrie
109. EUROPEAN GOVERNMENTS.—M., W., F., 10:30-11:30. Mr. Gardner
- 110b. PROBLEMS OF NATIONAL ADMINISTRATION.—*Second semester*, Tu.,
Th., 9:30-10:30. Mr. Gardner
- 111b. MUNICIPAL ADMINISTRATION.—*Second semester*, M., W., F., 8:30-
9:30. Mr. Lowrie
- 113b. RECENT POLITICAL THEORY.—*Second semester*, Tu., Th., 1:00-
2:00. Mr. Gardner
- 117a. ADVANCED AMERICAN GOVERNMENT.—M., W., F., 8:30-9:30.
Mr. Gardner
125. SEMINAR.—M., 4:00-6:00. Mr. Lowrie

PSYCHOLOGY

For Graduates and Undergraduates

A theme and additional reading are required of all graduate students who enter courses open to undergraduates.

- 102a. EXPERIMENTAL PSYCHOLOGY.—*First semester*, M., W., F., 2:00-4:30. Mr. Diserens
- 102b. EXPERIMENTAL PSYCHOLOGY.—*Second semester*, M., W., F., 2:00-4:30. Mr. Diserens
109. MENTAL AND PHYSICAL TESTS.—Tu., 3:00-5:00. Mr. Breese
- 120a. PSYCHOLOGY OF PRIMITIVE PEOPLES.—*First semester*, Th., 4:00-6:00. Mr. Talbert
- 120b. PSYCHOLOGY OF PRIMITIVE PEOPLES.—*Second semester*, Th., 4:00-6:00. Mr. Talbert
- 132a. INTRODUCTORY SOCIAL PSYCHOLOGY.—*First semester*, Tu., Th., 10:30-11:30. Mr. Talbert
Prerequisite: Introductory Psychology and Social Science 1
- 132b. PROBLEMS OF SOCIAL PSYCHOLOGY.—*Second semester*, Tu., Th., 10:30-11:30. Mr. Talbert
Prerequisite: Introductory Psychology and Social Science 1
- 134a. APPLIED PSYCHOLOGY.—*First semester*, Tu., Th., 1:00-2:00. Mr. Diserens
- 134b. APPLICATIONS OF PSYCHOLOGY IN SPECIAL FIELDS.—*Second semester*, Tu., Th., 1:00-2:00. Mr. Diserens

Primarily for Graduates

103. RESEARCH. Mr. Breese
104. SEMINAR.—Th., 3:00-5:00. Mr. Breese

ROMANCE LANGUAGES

FRENCH

For Graduates and Undergraduates

Additional reading is required of graduates taking work in courses open to undergraduates also.

104. FRENCH DRAMA IN THE SEVENTEENTH CENTURY.—Tu., Th., 9:30-10:30. Mr. Hubert
105. FRENCH DRAMA IN THE NINETEENTH CENTURY.—M., W., 11:30-12:30. Mr. Kinne

124. NINETEENTH CENTURY POETS.—Tu., 4:00-6:00. Mr. Hubert
 112. OLD FRENCH.—M., W., 2:00-3:00. Mr. Hubert

SPANISH

For Graduates and Undergraduates

Additional reading is required of graduates taking work in courses open to undergraduates also.

108. CERVANTES (*Don Quixote*) AND CALDERON.—Th., 4:00-6:00.
 Mr. Brown
 128. CONTEMPORARY SPANISH LITERATURE.—Two hours weekly.
 Prerequisite: Three years of college Spanish Mr. Brown

ITALIAN

For Graduates and Undergraduates

In the following courses additional reading is required of graduate students.

119. ITALIAN RENAISSANCE.—Two hours weekly.
 Dante: *Vita Nuova*; *Divina Commedia*; Petrarch: *Canzoniere*.

SOCIAL SCIENCE

For Graduates and Undergraduates

Graduate students entering courses open to undergraduates will be required to do additional work in order to secure full credit.

Courses 1a and 2b are prerequisite to the following courses; but advanced students who are at the same time enrolled in 1a and 2b will be admitted.

- 107a. THE FAMILY.—*First semester*, Tu., Th., 9:30-10:30. Mr. Eubank
 108b. THE COMMUNITY.—*Second semester*, Tu., Th., 9:30-10:30.
 Mr. Eubank
 109a. DEPENDENCY AND ITS SOCIAL TREATMENT.—*First semester*, M.,
 W., F., 10:30-11:30. Mr. Eubank
 110b. DELINQUENCY AND ITS SOCIAL TREATMENT.—*Second semester*, M.,
 W., F., 10:30-11:30. Mr. Eubank

Primarily for Graduates

Open to Seniors only by special arrangement with the instructor.

- 151a. SEMINAR.—*First semester*, T., 3:00-5:00. Mr. Eubank

152b. SEMINAR.—*Second semester, M., 4:00-6:00.*

Mr. Eubank

For Graduates Only

150. INDIVIDUAL RESEARCH.

Mr. Eubank

One or two credits according to the work elected.

The consent of the instructor is prerequisite.

ZOOLOGY

To pursue advanced courses in zoology, the student should have some training in physics and chemistry, and should be able to read French and German. Special facilities are afforded students pursuing courses of research.

REQUIREMENTS FOR DEGREES

To enter upon work for the degree of Master of Arts in zoology, students must have completed Courses 1, 2, 5, 17a, 18a, 13a, 14a, 19b, 20b, or their equivalents. (See Announcement of the College of Liberal Arts.) Courses under the heading "For Undergraduates and Graduates" may be counted as graduate subjects with full credit towards the degree of Master of Arts by students who have elected majors in other departments. The requirements for a higher degree, when zoology is chosen as a major subject, are adequately stated under the general requirements for degrees (pages 67, 68).

For Graduates and Undergraduates

110a. MICROSCOPICAL TECHNIQUE.—*First semester, Tu., Th., 9:30-12:30.*

Mr. Wieman

110b. CYTOLOGY.—*Second semester, Tu., Th., 9:30-12:30.*

Mr. Wieman

118a. COMPARATIVE ANATOMY OF VERTEBRATES.—*First semester, M., W., 1:00-4:00.*

Mr. Day

120b. EMBRYOLOGY OF VERTEBRATES.—*Second semester, M., W., 1:00-4:00.*

Mr. Day

129. ADVANCED ZOOLOGY.—Two or three credits.

Mr. Wieman, Mr. Day

Primarily for Graduates

131. RESEARCH.

Mr. Wieman

132. SEMINARY.—One credit, W., 4:00.

Mr. Wieman

McMICKEN COLLEGE OF LIBERAL ARTS

SCHEDULE OF ENTRANCE EXAMINATIONS

June 20 and September 12, 1921; January 16 and June 19, 1922:

8:30-11:00.	English.	First 3 units
11:00-12:00.	English.	Fourth unit
1:00- 3:00.	Physics.	1 unit
3:00- 4:00.	Solid Geometry.	$\frac{1}{2}$ unit
4:00- 5:00.	Physical Geography.	$\frac{1}{2}$ unit

June 21 and September 13, 1921; January 17 and June 20, 1922:

8:30-10:30.	Latin.	First and second units
10:30-12:00.	Latin.	Third and fourth units
1:00- 3:00.	Chemistry.	1 unit
3:00- 4:00.	Astronomy.	$\frac{1}{2}$ unit
4:00- 5:00.	Civics.	$\frac{1}{2}$ unit

June 22 and September 14, 1921; January 18 and June 21, 1922:

8:30-10:30.	French.	1 and 2 units
10:30-12:00.	French.	3 and 4 units
1:00- 2:30.	Plane Geometry.	1 unit
2:30- 4:00.	Algebra.	First unit
4:00- 5:00.	Advanced Algebra.	$\frac{1}{2}$ or 1 unit additional

June 23 and September 15, 1921; January 19 and June 22, 1922:

8:30- 9:30.	Ancient History.	$\frac{1}{2}$ or 1 unit
9:30-10:30.	American History.	$\frac{1}{2}$ or 1 unit
10:30-12:00.	{ General or Medieval and Modern History }	1 unit
1:00- 3:00.	Spanish.	1 and 2 units
3:00- 5:00.	Spanish.	3 and 4 units

June 24 and September 16, 1921; January 20 and June 23, 1922:

8:30-10:30.	German.	1 and 2 units
10:30-12:00.	German.	3 and 4 units
1:00- 3:00.	{ Zoology. Physiology. }	$\frac{1}{2}$ or 1 unit
3:00- 5:00.	Botany.	$\frac{1}{2}$ or 1 unit

June 25 and September 17, 1921; January 21 and June 24, 1922:

8:30-10:30.	{ Greek. Bookkeeping. English History. American History and Civics. }	First and second units 1 or 2 units $\frac{1}{2}$ or 1 unit 1 unit
10:30-11:30.	{ Greek. Stenography-Typewriting. }	Third unit 1 unit
11:30-12:00.	Economics.	$\frac{1}{2}$ unit

1:00- 2:00.....	{	Trigonometry.....	$\frac{1}{2}$ or 1 unit
		Commercial Geography.....	$\frac{1}{2}$ unit
		Commercial Law.....	$\frac{1}{2}$ unit
3:00- 4:00.....		Commercial Arithmetic.....	1 unit
4:00- 5:00.....	{	Manual Training.....	1 to 3 units
		Drawing.....	1 unit
		Domestic Science.....	1 to 3 units

Students wishing examinations in subjects listed above must notify the Director of Admissions at least two weeks before the day on which the entrance examinations begin.

ADMINISTRATIVE OFFICERS

FREDERICK CHARLES HICKS, PH.D.	President of the University Office, 10 McMicken Hall
*FRANK W. CHANDLER, PH.D.	Dean of the College of Liberal Arts Office, 7 McMicken Hall
CLAUDE M. LOTSPEICH, PH.D.	Acting Dean of the College of Office, 7 McMicken Hall Liberal Arts
JOSEPHINE PRICE SIMRALL, B.S.	Dean of Women
JERMAIN G. PORTER, PH.D.	Director of the Observatory The Observatory, Mt. Lookout
ALFRED LAWRENCE HALL-QUEST, A.M.	Director of School Affiliation Office, 17 McMicken Hall
ERNEST LYNN TALBERT, PH.D.	Director of Admissions and Supervisor Office, 2 McMicken Hall of the Evening Academic Courses
WHITELAW REID MORRISON, A.M., M.D.	Director of the Gymnasium Office, Gymnasium Building
DANIEL LAURENCE, B.S.	Secretary and Business Manager of the Uni- Office, 4 McMicken Hall versity
CHARLES ALBERT READ, A.B.	Librarian of the University Library Office, Van Wormer Library Building
LELIA GARVIN HARTMAN, B.L.	Registrar Office, 6 McMicken Hall
ESTELLE A. HUNT, A.M.	Secretary to the Dean Office, 7 McMicken Hall

FACULTY AND INSTRUCTORS

FREDERICK CHARLES HICKS, PH.D.	President of the University
JERMAIN GILDERSLEEVE PORTER, PH.D.	Director of the Observatory and Professor of Astronomy
PHILIP VAN NESS MYERS, LL.D., L.H.D.	Honorary Lecturer in History
HARRIS HANCOCK, PH.D., SC.D.	Professor of Mathematics
MAX POLL, PH.D.	Professor of the Germanic Languages
MERRICK WHITCOMB, PH.D.	Professor of History
LOUIS TRENCHARD MORE, PH.D.	Professor of Physics
BURTIS BURR BREESE, PH.D.	Professor of Psychology
WILLIAM PAXTON BURRIS, A.M., L.H.D.	Professor of Education
†STEPHEN ELMER SLOCUM, B.E., PH.D.	Professor of Applied Mathematics
NEVIN M. FENNEMAN, PH.D.	Professor of Geology and Geography
GUY ALLAN TAWNEY, PH.D.	Professor of Philosophy
*FRANK WADLEIGH CHANDLER, PH.D.	Professor of English, Ropes Professor of Comparative Literature, and Dean of the College of Liberal Arts

*Absent on leave, 1921-1922

†Resigned

*PHILLIP OGDEN, PH.D.	Professor of Romance Languages
HARRIS MILLER BENEDICT, PH.D.	Professor of Botany
SELDEN GALE LOWRIE, PH.D.	Professor of Political Science
ALFRED LAWRENCE HALL-QUEST, A.M.	Professor of Education
HARRY SHIPLEY FRY, PH.D.	Professor of Chemistry
HARRY LEWIS WIEMAN, PH.D.	Professor of Zoology
SAMUEL JAMES MCINTOSH ALLEN, PH.D.	Professor of Experimental Physics
CLAUDE M. LOTSPEICH, PH.D.	Professor of Comparative Philology, Department of German, and Acting Dean of the College of Liberal Arts
†FRANK K. SECHRIST, PH.D.	Professor of Education
WHITELAW REID MORRISON, A.M., M.D.	Professor of Hygiene and Physical Education
CLYDE WILLIAM PARK, A.M.	Professor of English, College of Engineering and Commerce
WILLIAM TUNSTALL SEMPLE, PH.D.	Professor of Classics
REGINALD CHARLES McGRANE, PH.D.	Professor of History, College of Engineering and Commerce
EARLE EDWARD EUBANK, PH.D.	Professor of Social Science
CHARLES NAPOLEON MOORE, PH.D.	Associate Professor of Mathematics
CLARENCE DIMICK STEVENS, A.M.	Associate Professor of English
HENRY G. HARTMAN, PH.D.	Associate Professor of Philosophy
CLARENCE ORAN GARDNER, PH.D.	Associate Professor of Political Science
EARL FREDERICK FARNAU, PH.D.	Associate Professor of Organic Chemistry
RALPH EDWARD OESPER, PH.D.	Associate Professor of Analytical Chemistry
EDWARD S. SMITH, M.E., PH.D.	Associate Professor of Mathematics
CLARENCE JAMES FOREMAN, M.S., A.M., PH.D.	Associate Professor of Economics
JOSEPH HENRY KINDLE, A.M.	Associate Professor of Mathematics
BENJAMIN CARLTON VAN WYE, A.M.	Associate Professor of Public Speaking, Department of English
ORVILLE TURNER WILSON, PH.D.	Associate Professor of Botany
BEVERLEY BOND, JR., PH.D.	Associate Professor of History
EVERETT IRVING YOWELL, PH.D.	Associate Professor of Astronomy
HENRY ROBINSON SHIPHERD, PH.D.	Associate Professor of English
WALTER H. BUCHER, PH.D.	Associate Professor of Geology
GEORGE ANDREWS HEDGER, PH.D.	Associate Professor of History
OTTO CHARLES VON SCHLICHTEN, A.B.	Assistant Professor of Geology
ERNEST LYNN TALBERT, PH.D.	Assistant Professor of Psychology, Director of Admissions, and Supervisor of the Evening Academic Courses
HUBERTIS MAURICE CUMMINGS, PH.D.	Assistant Professor of English
EDWARD C. DAY, PH.D.	Assistant Professor of Zoology
FRANCES JENKINS, B.S.	Assistant Professor of Education
MERTON JEROME HUBERT, A.M.	Assistant Professor of Romance Languages
LEONORA NEUFFER, PH.D.	Assistant Professor of Chemistry

*Absent on leave, 1921-1922

†Deceased

WILLIAM A. CROWLEY, PH.D.	Assistant Professor of Philosophy
IRVING H. BROWN, PH.D.	Assistant Professor of Romance Languages
CORA M. BOX, A.M.	Assistant Professor of Zoology
ELLIOTT SMITH, PH.D.	Assistant Professor of Astronomy
EARL C. CASE, A.B.	Assistant Professor of Geography
†HAROLD B. JELLESON, A.M.	Assistant Professor of Romance Languages
FINIS KING FARR, A.M., D.D.	Lecturer on Biblical Literature
JOSEPHINE PRICE SIMRALL, B.S.	Dean of Women
EDGAR F. VAN BUSKIRK, A.M.	Lecturer on Hygiene
PLATT BISHOP EVENS	Mechanician and Instructor in Laboratory Arts
ELEONORE CATHRINE NIPPERT, A.M.	Instructor in German
HELEN A. STANLEY, A.M.	Instructor in English
MARJORIE HILLAS, A.M.	Instructor in Physical Education
OLIVER MUMFORD NIKOLOFF, A.B.	Instructor in Physical Education
GRACE M. BOSWELL, M.D.	Medical Examiner for Women
LAURENCE B. CHENOWETH, M.D.	Medical Examiner for Men
E. LUCY BRAUN, PH.D.	Instructor in Botany
FLOYD ELDON BEGHTEL, A.M.	Instructor in Botany
BOYD CHAMBERS, A.B.	Director of Athletics
WILLARD A. KINNE, A.B.	Instructor in Romance Languages
WALTER C. PHILLIPS, PH.D.	Instructor in English
FRANK RAWLEY BYERS, A.B.	Instructor in English
GEORGE E. DAVIS, A.M.	Instructor in Mathematics
PETER SCHERRER	Instructor in Lecture Demonstrations and Chemical Supply Agent
JOSEPH LAWRENCE DONNELLY, A.M.	Instructor in Chemistry
CHARLES MURDOCH DISERENS, A.M.	Instructor in Psychology
HAROLD FREDERIC RICHARDS, PH.D.	Instructor in Physics
RODNEY P. ROBINSON, PH.D.	Instructor in Classical Languages
MIRIAM B. URBAN, A.M.	Instructor in History
ALFRED G. DAUM	Mechanician and Instructor in Laboratory Arts
ELMER G. FEUSSE, A.M.	Instructor in Chemistry
JEAN WINSTON, A.B.	Instructor in Mathematics
DOROTHY DUKE, B.S.	Instructor in Physical Education
ELTON H. SEAMANS, B.S.	Instructor in Romance Languages
JAMES F. BOGARDUS, A.B.	Instructor in Economics
ROBERT LEE STRAUS, A.M.	Instructor in English

†Absent on leave, second semester 1921-1922

ADMISSION

REGULAR STUDENTS

REQUIREMENTS FOR ADMISSION

Candidates for admission as undergraduates must be at least sixteen years of age. A student must offer fifteen units, no conditions being allowed. These units may be secured by entrance examination or by certificate from an accredited secondary school from which the student has graduated with a grade of not less than seventy percent in each unit presented.

For admission on certificate during the academic year 1922-1923 students must obtain a grade of eighty percent (80%) or above in at least three of the fifteen (15) units, of which at least two (2) grades must have been obtained in the last year of high school work. For admission on certificate during the academic year 1923-1924 students must obtain a grade of eighty percent (80%) or above in six (6) of the fifteen (15) units, of which at least four (4) grades must have been obtained in the last two years of high school work. For admission on certificate during the academic year 1924-1925 and thereafter, students must obtain a grade of eighty percent (80%) or above in eight (8) of the fifteen (15) units, of which at least five (5) grades must have been obtained in the last two years of high school work.

Students failing in the above requirements for the respective years must take successfully entrance examinations in sufficient subjects to meet the respective requirements of the grade of eighty percent.

Definition of a Unit

A unit represents a full year's study of a subject. The recitation time devoted to each unit-subject should be equal to 120 sixty-minute periods. In reckoning units, a double allowance of time should be given to laboratory, drawing-room, field, or shop work. Ordinarily, in order to fulfill this requirement, a study must be pursued for five periods a week throughout an academic year; but in schools where the school year is long, for example, 40 weeks, and the recitation periods are not less than 45 minutes in length, four periods a week for a year may fulfill the time requirements for a unit.

Distribution of Units

The fifteen units must be distributed in the following manner:

Group 1

ENGLISH—Three units

MATHEMATICS—One unit in algebra and one unit in plane geometry
HISTORY—One unit

LANGUAGE—Two units, from the five languages: Latin, Greek, French, German, Spanish. The two units must be in the same language. Candidates who intend to pursue the study of Latin in the University must present four units in Latin.

A single unit in one language will not be accepted as fulfilling the requirement for any of the fifteen units required for admission.

Group 2

In addition to these specific requirements the candidate must offer four or more units, selected from the following subjects: English, mathematics, foreign language, history, physics, chemistry, zoology, physiology, botany, physical geography, economics, and astronomy, under the regulations as to the maximum and minimum of the work to be completed in each subject described below.

Group 3

The remaining three units constitute a "free margin;" i.e., the University accepts for admission any three units which the secondary schools themselves credit towards graduation and which are given in conformity to the standards adopted by the North Central Association of Colleges and Secondary Schools. No fraction of a unit other than one-half is recognized.

Units Accepted for Admission

	Minimum	Maximum
English.....	3 required.....	4
Latin.....	2	or 3 or 4
Greek.....	2 .....	.. or 3
French.....	2	or 3 or 4
German.....	2	or 3 or 4
Spanish.....	2	or 3 or 4
General or Medieval and Modern History.....	1	1
Ancient.....	$\frac{1}{2}$	1
English.....	$\frac{1}{2}$	1
American.....	$\frac{1}{2}$	1
American and Civics.....	1	1
Algebra.....	1 required.....	or $1\frac{1}{2}$ or 2
Geometry, Plane.....	1 required.....	1
Geometry, Solid.....	$\frac{1}{2}$	$\frac{1}{2}$

One unit
required

Trigonometry.....	1½	1
Physics.....	1	1
Chemistry.....	1	1
*Zoology.....	1	1
*Botany.....	1	1
Economics.....	1½	1½
Physical Geography.....	1	1
Physiology.....	1½	1
Astronomy.....	1½	1½

Vocational and Other Subjects:

Commercial Branches, Domestic Science, Manual Training, and other subjects accepted for graduation by high schools.....	1½	3
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ADMISSION BY EXAMINATION

Examinations for admission in 1921 were held on June 20, 21, 22, 23, 24, 25; and on September 12, 13, 14, 15, 16, 17. In 1922 they were held on January 16, 17, 18, 19, 20, 21; and on June 19, 20, 21, 22, 23, 24.

Students who desire to take these examinations must obtain permission from the Director of Admissions at least two weeks before the day on which examinations begin. Application blanks will be sent on request. Some of the examinations may be taken in the spring and the remainder in the fall, if so desired. Students who apply for entrance examinations at times other than the days specified are charged a fee of \$5. Extra examinations, however, are not furnished except for good and sufficient reasons.

Examinations for Candidates Without Graduation Certificates

A candidate for admission to the University, coming from one of the accredited schools, who is not a graduate of such school, is not admitted to the entrance examinations within one year after leaving such preparatory school, unless recommended for examination by the principal of the school from which he comes.

Students intending to take the entrance examinations should consult the statement of the entrance requirements, as printed on a preceding page, and arrange to take their examinations

- (a) in the fixed requirements, and
- (b) in enough additional subjects to make a total of fifteen units.

The work covered by each unit or group of units in the various subjects may be found on pages 84-96, College of Liberal Arts Announcement. Specimen entrance examination questions are furnished free of charge on application to the Director of Admissions.

*One half unit is allowed in zoology and one-half unit in botany when these two subjects are presented together as one unit in the same year.

ADMISSION ON CERTIFICATE FROM ACCREDITED SCHOOLS

Graduates from secondary schools in the vicinity of Cincinnati which have been inspected and approved by university examiners are accepted on certificate.*

In addition, graduates of the following groups of institutions may be admitted on certificate under the provisions described below:

1. Graduates of secondary schools contained in the list of schools approved by the several accrediting associations or by private institutions of higher education, as published in the current bulletins on accredited schools in the United States (United States Bureau of Education), to be admitted on certificate, provided the requirements of the University are met.

2. Graduates of first-grade American and foreign high schools which have been properly accredited by a recognized standardizing agency, such as the state superintendent or state university.

In order to qualify as regular students, graduates of secondary schools not contained in the lists above mentioned and not included in the number of schools inspected and approved by this University, are required to take entrance examinations.

Work of satisfactory grade (as defined on page 92) is accepted from graduates of the University's accredited schools in lieu of the entrance examinations upon the presentation of the proper certificate, signed by the principal of the school, certifying to the work of the candidate. All certificates presented for admission must specify the work actually done, the time devoted to each subject, and the grade received in each course. Blank forms are furnished upon application to the Director of Admissions.

The certificate, properly made out, should be sent to the Director of Admissions, University of Cincinnati, Cincinnati, Ohio, as soon as possible after graduation, and at least five days before the first day of registration. Upon its receipt, the Director of Admissions passes upon the application, and if it is satisfactory, sends a card of admission, which must be presented to the Registrar at the opening of the session. If the certificate is not satisfactory, the candidate is informed, so that he may prepare himself for the entrance examinations.

A candidate from an accredited school who is not a graduate of such school is not admitted upon certificate, but must enter by examination in accordance with the rule given above under the heading "Admission by Examination."

Surplus Matriculation Credit

Students who bring from accredited preparatory schools credits in given subjects in excess of the requirements for matriculation may receive advanced standing in the University for this work if they make a thoroughly satisfactory record (at least "c") in higher work in the same subjects, *taken in the University in the Freshman year.*

*Superintendents or principals who may desire to have their schools accredited by the University should address the Director of School Affiliation.

The preparatory subjects in which university credits may be acquired are French, German, Greek, and Spanish.

Application for advanced standing must be made at the time of registration.

ADMISSION FROM OTHER COLLEGES AND UNIVERSITIES

An undergraduate of a college or university, to enter the McMicken College of Liberal Arts, must present to the Director of Admissions satisfactory evidence that he has done a sufficient amount of preparatory work to meet the regular entrance requirements, together with a certificate of honorable dismissal from the college or university last attended. No student under penalty for a breach of discipline by any college or school of the University of Cincinnati may enroll or continue in any other college or school of the University until the sentence has been satisfied or revoked. No Freshman dropped for poor scholarship from another college of the University may be admitted to the College of Arts until he has taken and passed written examinations in all the nine units prescribed from the list of fifteen required for entrance to the College of Liberal Arts. No upper-classman dropped for poor scholarship from another college of the University may be admitted to the College of Arts until he has taken and passed written examinations in such subjects as in his case shall be prescribed by the Committee on Advanced Standing of the College of Liberal Arts. All students admitted will be given credit for work of university grade in accordance with the provision for "Admission to Advanced Standing."

ADMISSION TO ADVANCED STANDING

Students may be admitted to advanced standing upon presentation of a certificate from a college or junior college of approved standing. All applications for advanced standing must be made within three weeks after matriculation to the Director of Admissions, and must be accompanied by a statement of the work done, signed by the proper officials of the college from which the applicant comes, and by a marked copy of the catalogue or by a written description in detail of the courses for which advanced credits are desired. In courses where notebooks or drawings, or both, are required, these also must be presented. The students applying for advanced standing must first have satisfied the entrance requirements for regular students.

The total number of credits which are accepted by the College of Liberal Arts for work done in a single summer session of another college is limited to six from any institution of approved standards conducting courses six weeks in duration, and to eight from any institution of approved standards conducting courses eight or more weeks in duration.*

*For work done in the Summer School of the University of Chicago, since such work is considered part of the regular session, hour for hour credit is allowed.

Examinations for Advanced Standing

Examinations for advanced standing are held: (a) on registration days; (b) within the first two weeks of each semester; (c) within the last two weeks of each semester, i.e., during the regular semester examination period.

Students should consult the heads of departments for definite dates within the above mentioned periods.

Several departments specify dates upon which examinations for advanced standing are held, namely:

Chemistry.—On the Saturday preceding the opening of the first semester, and on the first day of the regularly scheduled semester examination period.

English.—During the first three days of the regularly scheduled semester examination period.

Zoology.—On the Friday preceding the opening of the first semester and on the second day of the regularly scheduled semester examination period.

SPECIAL STUDENTS

Persons at least twenty years of age and qualified to do university work may be admitted as special students to lectures and laboratory courses in the College of Liberal Arts. Special students are required to make written application for admission on blanks printed by the University. The subjects desired must be enumerated, and credentials filed. Special students must satisfy the heads of the departments concerned of their ability to carry on successfully the courses which they desire to enter and they must enroll in person on a specified published date.

Before any special student may become a candidate for a degree he must satisfy the entrance requirements. All special students are amenable to the same regulations as apply to regular students in matters of examination, discipline, etc. (See probation rule, page 104.)

IRREGULAR STUDENTS

Irregular students are those students who have satisfied all the requirements for admission as regular students but are allowed to take less than twelve semester hours of work. To enroll as an irregular student the student must secure the permission of the Dean of the College of Liberal Arts. An irregular student is subject to all the regulations applying to regular students.

SCHOLARSHIPS AND PRIZES

FRESHMAN

THE JULIUS FLEISCHMANN SCHOLARSHIPS.—Thirteen scholarships of \$75 each were offered for eight successive years (1909-1915) by Mr. Julius Fleischmann. Ten scholarships of \$100 each (tuition for non-residents increased from \$75 to \$100) were offered for the years 1917-1918, 1918-1919, 1919-1920, 1920-1921 and 1921-1922. They cover the first year's tuition, in the College of Liberal Arts, of ten non-residents who are members of the graduating classes of the Cincinnati high schools and of the accredited schools outside of Cincinnati.

THE THOMS HONORARY SCHOLARSHIPS are awarded annually to the six Freshmen who have the best scholastic records.

SOPHOMORE

THE THOMS HONORARY SCHOLARSHIPS are awarded annually to the six Sophomores who have the best scholastic records.

JUNIOR

THE McMICKEN HONORARY SCHOLARSHIPS are awarded annually to the five Juniors who have the best scholastic standing, according to the records in the Registrar's office.

SENIOR

THE JONES PRIZES.—The first Jones Prize of \$40 was founded in 1892 by the Honorable Frank J. Jones, and is awarded annually to that member of the Senior class in the College of Liberal Arts who writes and pronounces the best English oration. The subjects are chosen by the Dean and the Chairman of the Board of Directors. A committee consisting of three citizens of Cincinnati is appointed by the Chairman of the Board of Directors to judge the contest. The second Jones Prize of \$20 was founded by Mr. Jones in 1901. It is awarded to that member of the Senior class whose oration is judged by the committee to be second in merit. These prizes are permanently endowed.

THE EDWARD MILES BROWN PRIZE FOR EXCELLENCE IN ENGLISH, valued at \$50, was established in 1908, by a provision of the will of the late Professor Edward Miles Brown. It is awarded annually to that member of the Senior class who has attained the highest excellence in English during his four years' undergraduate course.

THE HENRY HOCHSTETTER PRIZE IN CHEMISTRY, of the value of \$40, was established in 1909 by Mr. Robert Hilton, of the class of 1895, in memory of his brother, Henry Hochstetter. It is to be awarded annually for the best graduating thesis in chemistry, and is open to students of both the liberal arts and engineering. The successful candidate is nomi-

nated by a committee consisting of the head of the Department of Chemistry and two members of the Cincinnati Section of the American Chemical Society.

THE ROBERT PATTERSON MCKIBBIN MEMORIAL PRIZE, a gold medal of the value of \$25, was established in 1911 by the Reverend William McKibbin and family, in memory of their son Robert Patterson McKibbin, who died in 1910, while a member of the Junior class of the University. This prize aims to hold up before the male students of the University the ideals of manhood. It is awarded to that young man of the Senior class who, in the judgment of the faculty, is the best embodiment of these ideals.

THE CINCINNATI LAW SCHOOL SCHOLARSHIP is open to Seniors who intend to enter the College of Law the year after graduation.

GENERAL

THE CORNELIUS GEORGE COMEGYS SCHOLARSHIP, with an income of \$50, was founded in 1899 by the Old Endowment Fund Association, which was composed of the alumni of the University. This scholarship is awarded annually to a meritorious undergraduate.

THE FUND OF THE CINCINNATI SECTION OF THE AMERICAN CHEMICAL SOCIETY, a loan fund of \$2,000, has been established by the Cincinnati Section of the American Chemical Society to aid worthy and deserving students in the Department of Chemistry to complete courses in chemistry and chemical engineering. Students who apply for this fund must have completed one year of work in the University and be recommended to the trustees of the Cincinnati Section of the American Chemical Society by a committee appointed by the faculty of the Department of Chemistry of the University or by the Board of Directors of the University, or by both. Both liberal arts and engineering students are eligible to apply.

THE STRAUS PRIZE.—Robert Lee Straus, a graduate of the College of Liberal Arts in the class of 1917, established in that year an annual prize, of the value of \$20, to be awarded to the undergraduate who writes the best original composition in verse during the college session. On or before the first of each May, poems offered in competition for this prize should be presented to the Professor of English, who will appoint two other members of the Department of English to act with him in deciding the award.

THE MARGARET STOCKWELL TALBERT PRIZE FOR EXCELLENCE IN PSYCHOLOGY, valued at \$50, has been established by the Cincinnati Alumnae Club of the Alpha Chi Omega Sorority. It is to be awarded annually to that student enrolled in the Department of Psychology of the College of Liberal Arts who contributes the best paper on a problem in this field selected from time to time by the head of the department of psychology and the local chapter.

THE VICTOR ABRAHAM MEMORIAL PRIZE.—The Cincinnati Lodge Number 4, Independent Order B'nai B'rith, has established, in honor of

the memory of Victor Abraham of Cincinnati, a prize of \$50, to be awarded annually to that student of the College of Liberal Arts who writes the best essay on the subject "Good Citizenship."

THE TAFT SCHOLARSHIP, of \$100, was established in May, 1914, with the proceeds of the sale of the press equipment, which was originally donated by Mr. Charles P. Taft. It is awarded to a worthy student selected by the President of the University.

RHODES SCHOLARSHIPS.—Men who have completed their Sophomore year at the University of Cincinnati are eligible to compete for the Cecil Rhodes Scholarships, tenable for three years at Oxford University, England, with a stipend of \$1,500 each year. These scholarships are awarded on the combined basis of character, scholarship, athletics, and leadership in extra-curriculum activities. Further information may be obtained from any member of the Rhodes Scholarship Committee of Selection for Ohio: Chairman, President W. O. Thompson, Ohio State University, Columbus, Ohio; Professor B. E. Schmitt, Western Reserve University, Cleveland, Ohio; Cary R. Alburn, Esq., Attorney, Garfield Bank Building, Cleveland, Ohio; Secretary, Professor Leigh Alexander, Oberlin College, Oberlin, Ohio.

For the fellowships, scholarships, and prizes of the various colleges, consult their several announcements.

REGISTRATION

Freshmen and Sophomores registered in 1921 with the Student Advisory Committee as follows:

FRESHMEN: Thursday, September 22, 9:00-12:00 A.M. or 1:00-4:00 P.M. Friday, September 23, 9:00-12:00 A.M. or 1:00-4:00 P.M. Saturday, September 24, 9:00-12:00 A.M. or 1:00-2:00 P.M.

SOPHOMORES: Friday, September 23, 9:00-12:00 A.M. or 1:00-4:00 P.M., Saturday, September 24, 9:00-12:00 A.M. or 1:00-2:00 P.M.

Upper-classmen registered with the Advisers on September 22, 23, or 24.

Special students registered on Saturday, September 24.

In 1922, all students registered on Saturday, February 11.

Students registering on any other days than those designated above were required to pay a registration fee of \$5.

No person is admitted to any course after the beginning of the semester, unless a good and sufficient excuse for not entering at the opening of the semester is presented to the Dean; and *in no event is any person permitted to enter the work of any semester after the close of the second week of that semester.* In accordance with this regulation, no person was admitted for the first semester of 1921-1922 after 12:00 M. on Saturday, October 8, 1921; for the second semester, no one was admitted after 12:00 M. on Saturday, February 25, 1922.

ADVISORY SYSTEM FOR THE ELECTION OF STUDIES

To the Advisory Committee for the Election of Studies is confided the duty of assisting Freshmen and Sophomores in registering for the subjects best adapted to their aims and abilities and of counselling them in all matters affecting scholarship.

Freshman and Sophomore students are required to conform to the following regulations.

FOR FRESHMEN

1. Each Freshman on the first semester registration days is assigned by the Chairman to a member of the committee, who acts as his Adviser, and assists him in registering.
2. On the second semester registration day, each Freshman registers with his own Adviser.
3. On or before May 1 of the Freshman year, each student goes to his Adviser and, in consultation, arranges a tentative program for the Sophomore year.

FOR SOPHOMORES

1. In the Sophomore year, each student on the first semester registration days must go to his own Adviser and register so far as practicable in accordance with the schedule of studies chosen the previous spring.
2. At the second semester registration day each Sophomore registers with his own Adviser.
3. On or before May 1, each Sophomore must go to his Adviser and, after consultation with him and with the representative of any department concerned, he must choose his major course of studies for the Junior year.
4. No Sophomore is allowed to register for major work unless he has fulfilled at least four fifths of the required work of the Freshman and Sophomore years.

MAJOR ADVISERS

Every student in the Junior and Senior years registers with the head of the department in which he elects his major, and this person acts through his Junior and Senior years as his Adviser.

No Major Adviser will receive for registration towards a major any student who does not present his record card properly filled out, showing the completion of the necessary requirements of the Freshman and Sophomore years.

DIRECTIONS FOR REGISTRATION

All students must have their registration cards approved at the September and February registration periods,—Freshmen and Sophomores

by their Advisers, Juniors and Seniors by their Major Advisers (the heads of the departments in which they are majoring), and special and irregular students by the Dean of the College of Liberal Arts or the Dean of Women.

On the course card each course must be designated by the department and the number of the course, special title, and the number of hours credit, e. g.:

English 1: Rhetoric and Composition	3
Mathematics 1: Algebra, Trigonometry	3

In filling out election blanks special care should be taken to note the advertised hours of courses, in order that conflicts may be avoided.

All students who expect to become teachers should confer with the Dean of the College for Teachers before filling out their course cards.

All course and schedule cards must be filled out and deposited in the Registrar's office before 2:00 P.M. on the last registration day.

FRESHMEN

1. Take to the Chairman of the Advisory Committee for the Election of Studies the certificate of admission received from the Director of Admissions, and receive from the Chairman an appointment to an Adviser and also the necessary course and schedule cards. Go to this Adviser and on consultation fill out the course card in accordance with the rules and regulations of the Advisory Committee. (See p. 101.)

2. Take the certificate of admission, the registration blank, and the course card to the Registrar.

3. Pay the library fee (also tuition and laboratory fees when such are required) to the Treasurer.

4. Receive from the Treasurer a receipt for matriculation.

5. File the course card received from the Advisory Committee in the Registrar's office.

SOPHOMORES

Every Sophomore must register with his own Adviser in accordance with the rules and regulations of the Advisory Committee. (See page 101.) He must then fill out the registration blank and present that and his course card to the Registrar, who will give in exchange a card of matriculation fees, which must in turn be presented to the Treasurer.

UPPER-CLASSMEN

Every upper-classman must fill out his course card under the direction of his Major Adviser. (See page 101.) He must then fill out the registration blank and present that and his course card to the Registrar, who will give in exchange a card of matriculation fees, which must in turn be presented to the Treasurer.

No upper-classman shall be received for registration by a Major Adviser without a record card properly filled out showing the completion of the necessary requirements of the Freshman and Sophomore years.

GENERAL REGULATIONS

Each student, at the beginning of the year, shall leave his local address at the office of the Registrar, and shall promptly report all subsequent changes of address.

UNIT OF INSTRUCTION.—The unit of instruction is one hour a week for one semester. Two and one half hours of actual work in the laboratory, shop, or drafting-room are considered equivalent to one recitation hour and the preparation therefor. Students will receive credit for the number of hours officially published with a course, and for no more. No student may receive credit for a course for which he has not regularly registered. All University work not so registered is forbidden. Attendance as an auditor is forbidden.

ABSENCES.—All absences of students, from any cause whatsoever, are recorded in the Registrar's office. No absences are excusable except those incurred by students representing the University in some public exercise outside of the city. Application for these excuses must be made to the Dean in advance. Absences because of illness are not excused. Students entering after the regular registration period will be charged with absences from the beginning of the semester up to the time of their entrance in all courses for which they register.

Excessive absence diminishes the value of the work, and in recognition of this the following regulation has been passed:

- 1-29 cuts in one semester—no penalty
- 30-44 cuts in one semester—2 credits extra for graduation
- 45-59 cuts in one semester—3 credits extra for graduation
- 60-74 cuts in one semester—4 credits extra for graduation
- 75-89 cuts in one semester—5 credits extra for graduation

During the college year all Freshmen are required to attend convocation, held on Fridays at 11:30. One absence from convocation is counted as equivalent to two absences from class. Students absent from class for more than 2 successive weeks must apply to the Dean for a card of reinstatement. Tardiness counts either as an absence, or as half an absence, at the instructor's discretion.

EXAMINATIONS AND GRADES.—The scale of marks for recording grades is as follows: A, 90-100; B, 80-89; C, 70-79; D, 60-69, passed; E, 50-59, conditioned; F, 0-49, failed; ab, absent; w, withdrawn.

No student may be excused from a final examination because of excellence in class work.

Students who are conditioned are given an opportunity to obtain credit by a special re-examination, upon payment of the fee for supplemental examination. Such an examination shall not be given before the period of the next regular semester or mid-semester examinations, with this exception, that a student conditioned at the end of the second semester may be examined for the removal of a condition during the opening week of the next semester following, provided he has taken work during the intervening vacation under the direction of the head of the department in which the condition was given. The standing of "D" is the highest mark which any student may receive as the result of re-examination for the removal of a condition. Any condition that is not removed within one year shall lapse into a failure.

Students who have been absent from the semester examinations may, at the discretion of the Dean and the heads of the departments concerned, be admitted to subsequent examinations in such work, upon the payment of a fee for supplemental examination. A standing of "D" is the highest mark which any student may receive as the result of an examination for the removal of "absent," except when the absence is because of prolonged and serious illness, or unavoidable detention, to be determined by the Dean, in which case the student may receive the grade rightly earned. Unexcused absence from regular examination is construed as a failure therein.

PROBATION.—Students are placed upon probation according to the following conditions:

1. A special or irregular student who at any mid-term or semestral period receives a grade below "D" in any of his work is placed upon probation.

2. A regular student who at any mid-term or semestral period receives passing grades in fewer than twelve hours of work is placed upon probation.

Any regular student on probation is restricted as to the number of hours that he is permitted to carry.

Every student on probation—regular, irregular, and special—must abstain from "student activities," that is, University activities not directly involved in the work of courses.

REMOVAL OF PROBATION.—A special or irregular day student can remove probation at a mid-term or semestral period by passing in all of his work.

A regular student can remove probation at a mid-term or semestral period by passing in twelve hours of his work.

DISMISSAL FOR POOR SCHOLARSHIP.—Any student who at the end of any semester receives a grade below "D" in one-half of his work is automatically dropped from the University.

Any student on probation who at the end of the semester following that in which probation was incurred fails to show marked improvement is dropped from the University.

The rules stated above are not to be understood as precluding the dismissal of students whose scholarship is unsatisfactory at the mid-term periods.

REINSTATEMENT AFTER DISMISSAL FOR POOR SCHOLARSHIP.—A Freshman dropped for poor scholarship from the College of Liberal Arts will not be re-admitted until he has passed written examinations in the eight units prescribed from the list of fifteen required for entrance. (See page 92 for subjects). An upper classman dropped for poor scholarship from the College of Liberal Arts will not be re-admitted until he has passed written examinations in such subjects as in his case shall be prescribed by the Committee on Advanced Standing of the College of Liberal Arts.

DEGREES.—Candidates for degrees must be present on commencement day in order to receive their diplomas. Degrees are not conferred *in absentia*, except by special permission from the President.

WITHDRAWAL.—In case a student withdraws from the University during any semester, credit is not given for any of the work elected for that semester.

No student may withdraw from or elect a course after the regular registration days, except by permission or order of the Standing Committee on Election of Courses. For courses changed except by order, students are required to pay a fine of \$1 a credit hour of the courses changed. Except in the case of courses discontinued by permission or order of the Standing Committee on Election of Courses, every course elected shall become a required course in which a passing grade must be secured before graduation. Students failing in any course must re-elect it as soon as possible; in exceptional cases, the committee may order a substitute course.

HONORABLE DISMISSAL.—It is required as a condition of honorable dismissal that every student who wishes to withdraw from the University shall submit to the Registrar a written request to that effect at the date of his withdrawal.

REGULAR PROGRAM OF THE COURSE IN ARTS

*REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS

Each candidate for the degree of Bachelor of Arts must fulfill the following requirements:

1. He must obtain 124 credits, of which 64 (including 4 credits in Hygiene) must be taken in prescribed subjects; 30 must be taken under the direction of the student's adviser in the major group of studies, and 30 may be elected freely. One credit in the scale of University work is a subject taken for one period a week for one semester. In all laboratory courses, two and one half hours in the laboratory are considered equivalent to one recitation hour and preparation therefor.

2. He must maintain in these 124 credits an average of at least "C" (70-79%), which will be computed in terms of quality points, as follows:

*The degree of Bachelor of Arts is the only degree conferred upon graduates of the College of Liberal Arts.

each credit of A grade has a value of 3 quality points; each credit of B, 2 quality points; each credit of C, 1 quality point. No quality point is allowed for work of D grade. Before graduation, each student must obtain 124 quality points. Any deficiency in the total number of quality points must be made up by securing additional credits of the necessary quality point value.

3. He must take two years of gymnasium work.

4. He must spend at least the last year of work required for his degree in residence at the University of Cincinnati. If, however, he has already spent three years in residence at the University, and if he has completed his quality point requirement and lacks not more than six credits toward his degree, he may secure these credits elsewhere, provided the courses and the institution attended be approved beforehand by the Committee on Advanced Standing and by the heads of the departments in which he plans to pursue work.

5. He must file in the Registrar's office before March 1 of his Senior year a formal application for his degree. If he fails to make this application, the University will not be responsible for his graduation.

PRESCRIBED SUBJECTS FOR LOWER-CLASSMEN

English	10 credits
Foreign languages	12 credits
*Laboratory sciences	10 credits
History, economics, political science, social science	12 credits
Mathematics, philosophy, psychology	12 credits
Hygiene	4 credits

The above subjects must be completed before the beginning of the Junior year, except that a Sophomore, with the permission of the Advisory Committee and the approval of the Dean, may postpone the performance of not more than twelve credit hours of prescribed work (one fifth of the total amount) to the Junior year, but only in so far as the prescribed work conflicts with the continuity of studies leading towards the fulfillment of a major.

SUBJECTS IN MAJOR GROUPS FOR UPPER-CLASSMEN

- I. Greek, Latin, English, German, French, Italian, Spanish
- II. Physics, chemistry, zoology, botany, geology
- III. History, economics, political science, social science
- IV. Mathematics, philosophy, psychology, astronomy

*The requirement of ten hours in a science shall be construed to mean one year of consecutive work in a single science, except in a case of students enrolled in the evening session of the College of Liberal Arts, in which instance two sciences may be offered.

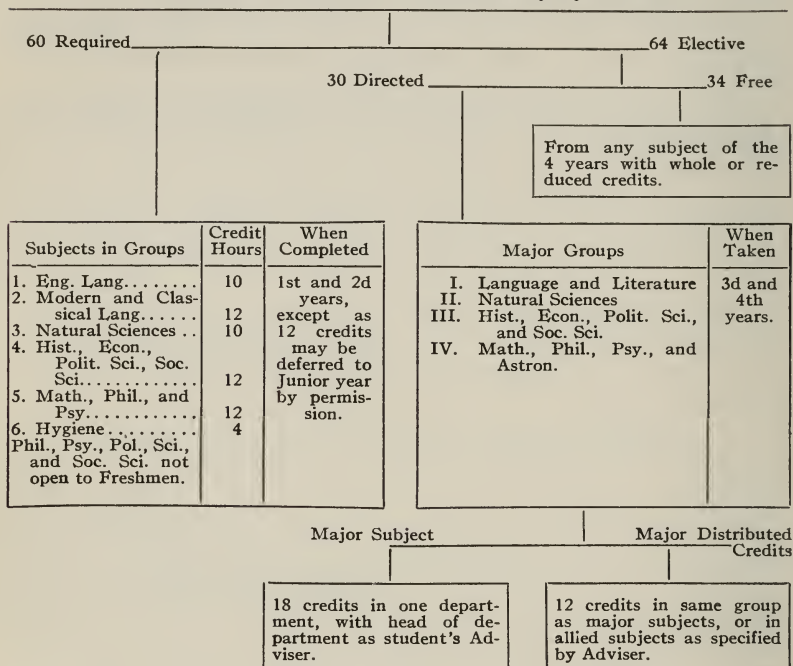
At the end of the Sophomore year, or at the beginning of the Junior year, each student shall designate one of the above groups from which he must select his major subject. Thereafter, the head of the department in which that subject lies shall act as his Adviser. For graduation, at least 18 credits must be secured in this major subject, in addition to those required for the Freshman and Sophomore years; and 12 more credits must be secured in subjects in the same group or in allied subjects specified by the Adviser.

Requirements for the regular program are illustrated in detail in the following diagrams.

OUTLINE OF STUDIES IN THE COLLEGE OF LIBERAL ARTS

A. B. DEGREE

124 Academic Credits + Two Years of Gymnasium



FRESHMAN REQUIREMENTS

Prescribed Subjects	Credit Hours a Week a Sem.	Special Regulations
English.....	3	Every Freshman must take English 1.
Foreign Language*.....	3	
Science or Mathematics.....	5 or 3	If a student elects mathematics in place of science, he must elect also either history or economics.
History, Economics, or Mathematics.....	3	
Hygiene 3.....	2	In addition to hygiene, every Freshman must take gymnasium two hours a week.
Total Prescribed Hours.....	16 or 14	

*Any Freshman desiring to major in an ancient language and to take other foreign language may postpone any of the Freshman regular work, except English 1, subject to the approval of the Dean.

COURSES OPEN TO FRESHMEN

Subjects	Courses, Prescribed and Elective	Credit Hours a Week a Sem.
English.....	English 1..... English *2, 25.....	3 2
Foreign Language.....	*French 1 (beginners)..... French 2 (after 2 yrs. high school French)..... French 3 (by permission)..... French 5 (after 3 yrs. high school French)..... French 11 (after 4 yrs. high school French)..... French 20 (for pre-medical students)..... *German 1 (beginners)..... German 2 (after 2 yrs. high school Ger.)..... German 3, 20 (after 2 yrs. high school Ger.)..... German 4 (after 4 yrs. high school Ger.)..... German 20 (for pre-medical students)..... German 21 (after 4 yrs. high school Ger.)..... *Greek 1 (beginners)..... Greek 2 (after 2 yrs. high school Greek)..... Greek 3 (after 3 yrs. high school Greek)..... Italian 7 (beginners)..... Latin 1 (after 4 yrs. high school Latin)..... *Spanish 6 (beginners)..... Spanish 10 (after 2 yrs. high school Spanish)..... Spanish 14 (after 4 yrs. high school Spanish)..... Spanish 18 (after 4 yrs. high school Spanish).....	3 3 2 2 3 2 3 3 2 3 2 3 3 3 3 3 3 3 3 2
Natural Science.....	Botany 1 and 2, 3 and 4..... Chemistry 1a and 2a, 3b and 4b..... Geology 1 and 4..... Physics 26a and 2a, 27b and 22b..... Zoology 1 and 2.....	5 5 5 5 5
Mathematics.....	Mathematics 1, 2, 3, 4.....	3
History.....	History 1.....	3
Economics.....	Economics 1.....	3
Hygiene and Physical Education..... }	Hygiene 4.....	2 2d. Sem.
Biblical Literature	Biblical Literature 10a and 10b.....	2

SOPHOMORE REQUIREMENTS

Completion of the prescribed work (including 2 hours a week of gymnasium), except in so far as such work may be deferred to the Junior year by special permission, as provided above.

REGULAR JUNIOR REQUIREMENTS

Completion of such prescribed work as may have been deferred from the Sophomore year, and the election and pursuit of major work.

*Seniors who take courses starred with an asterisk will receive but half credit for the work

REGULAR SENIOR REQUIREMENTS

Completion of 124 credits, including the fulfillment of the requirement of 30 credits for a major.

FREE ELECTIVES

At any time during his four years of residence a student may elect any courses then open to him, provided that such electives do not conflict with the performance either of his prescribed work or of his major work.

A Senior electing courses designed primarily for Freshmen receives for these only half credit. This ruling applies to all courses starred on page 109.

COURSE IN HONORS FOR UPPER-CLASSMEN

The faculty of the College of Liberal Arts has established an honors course to be pursued by Juniors and Seniors who are capable of more intensive study than the average, and who therefore may be relieved of ordinary academic guides and restrictions. A student who elects the course in honors shall notify the Dean of the college, at the beginning of his Junior year, of his desire to proceed in his work according to this plan. After having secured the approval of the head of the department in the subject in which he intends to take honors, such a student must register in the usual way. He shall be eligible for graduation only when the head of the department notifies the faculty that he has completed with distinction the course assigned, that he has passed a public examination, and that he has also completed creditably work in other fields amounting to between 18 and 24 credit hours. The head of the department in the student's principal subject shall report to the Registrar at the end of each semester whether or not the work the student is taking has been accomplished with distinction. The elected work in other departments will be reported by the customary grades. Candidates for degrees with honors who fail to pass with distinction the work they have elected must withdraw from the honors course and fulfill the usual requirements before receiving the degree of Bachelor of Arts. The diplomas of students who graduate from the honors course shall read "Extraordinary Degree of Bachelor of Arts with Honors"—or "with High Honors"—"in———(subject)." This distinction shall be printed and announced at Commencement, and the names of students holding such degrees shall constitute a roll of honor which shall be a public and permanent record. It is recommended that the Society of Phi Beta Kappa give preference in the choice of members to successful candidates for degrees with honors.

SPECIAL ARRANGEMENTS

CREDIT FOR HEBREW TAKEN IN THE HEBREW UNION COLLEGE

Arrangements have been made with the Hebrew Union College whereby students of that institution who are pursuing a course in the University of Cincinnati may be allowed to count work in Hebrew taken in that insti-

tution for the degree of Bachelor of Arts, to the amount of two hours a week throughout the Freshman and Sophomore years, and three hours a week throughout the Junior and Senior years, provided such work is regularly entered upon the election schedules of the University. For description of courses see the announcement of the Hebrew Union College.

CREDIT FOR WORK DONE IN THE LANE THEOLOGICAL SEMINARY

Approved work in the Lane Theological Seminary may be counted towards the Bachelor of Arts degree to the extent of 26 credits, provided it is regularly entered on the election schedule of the University. The courses that may be so counted are for the session 1921-1922:

Hebrew and Old Testament Literature 1, Elementary Hebrew (7 credits); 3, Old Testament History (2 credits); 5, the Psalms (2 credits); 6, the Prophets (2 credits); 2, 13, 14 Old Testament Introduction, Isaiah, and Job (4 credits); Church History 1, Ancient and Medieval History (4 credits); 2, Reformation History (4 credits); 3, Modern History (4 credits).

CREDIT FOR WORK DONE IN THE ART ACADEMY OF CINCINNATI

By an arrangement with the Art Academy of Cincinnati, University of Cincinnati students may elect, at the academy, from the courses in drawing, modeling, and carving, not more than six hours' work in any one semester, and receive credit therefor on the books of the University, provided these courses have been duly entered on the election blank, and the proper certificate from the Director of the Art Academy is presented on their satisfactory completion. Not more than twelve hours of work in the Art Academy will be credited for the degree of Bachelor of Arts. For description of courses, see announcement of the Art Academy.

MAXIMUM CREDIT HOURS A WEEK

FRESHMEN	—Regular, 16 hours, plus Gymnasium
	Hebrew Union, 14 hours, plus Gymnasium, plus 2 hours
	Hebrew
SOPHOMORES	—Regular, 18 hours, plus Gymnasium
	Hebrew Union, 14 hours, plus Gymnasium, plus 2 hours
	Hebrew
JUNIORS	—Regular, 18 hours
	Hebrew Union, 12 hours, plus 3 hours Hebrew
	College of Law, 12-14 hours, plus 4-6 hours Law

SENIORS	—Regular, 18 hours
	Hebrew Union, 12 hours, plus 3 hours Hebrew
	*College of Law, 12 hours, plus 7-9 hours Law
	*College of Law (students with no Law in Junior year)
	13 hours Law

Any day student wishing to elect evening courses in addition to his day schedule must secure permission from his Adviser. In every case the Adviser, in estimating the total number of hours to be carried by the student, will include in this total the number of hours elected in the evening.

Maximum	L. A. credits allowed for work in	College of Law.....	26
"	" " " " " "	Hebrew Union College....	20
"	" " " " " "	†Lane Seminary	26
"	" " " " " "	Art Academy.....	12

SPECIAL PROGRAMS IN ARTS PREREQUISITE TO OTHER COURSES

PRE-TEACHING PROGRAM

Four-year curricula, leading to the degree of Bachelor of Science, (conferred upon recommendation of the faculty of the College for Teachers,) are offered to prospective teachers in Home Economics, in Hygiene and Physical Education, and in Kindergarten.

During the first two years, students matriculated in such curricula are registered in, and are under the jurisdiction of, the McMicken College of Liberal Arts, and must conform to all of its requirements, such as the quality point requirement explained on page 105. During the last two years such students are registered in, and are under the jurisdiction of, the College for Teachers.

The standard of admission to such four-year curricula is the same as that of admission to the McMicken College of Liberal Arts.

See also the paragraph on the Five-Year Combined Liberal Arts and Teaching Program.

PRE-LEGAL PROGRAM

Students who wish to enter the College of Law of the University of Cincinnati must have completed at least two years (60 credits) in an approved college of liberal arts. Those who take these preliminary years in the College of Liberal Arts of the University of Cincinnati must conform to the regular requirements for Freshmen and Sophomores, including the quality point requirement explained on page 105 of this Announcement.

*Students taking the Combined Liberal Arts and Legal Program, described on p. 114.

†No Lane Seminary student taking a full course at Lane may register for more than 4 hours in any one semester in the College of Liberal Arts.

PRE-MEDICAL PROGRAM

The Council of Medical Education of the American Medical Association has recently ruled that pre-medical students must fulfill all entrance requirements before they will be admitted to acceptable medical schools.

The minimum requirement for admission to acceptable medical schools, in addition to the high school work, is sixty semester hours of collegiate work, extending through two years, of thirty-two weeks each, exclusive of holidays, in a college of liberal arts and sciences approved by the Council on Medical Education. The subjects included in the two years of college work should be in accordance with the following schedule:

REQUIRED COURSES:	Semester Hrs.
Chemistry.....	16
Physics.....	8
Biology.....	8
English Composition and Literature.....	6
Modern Languages.....	6

COURSES STRONGLY URGED:

Additional Courses in Chemistry.....	} 16
Advanced Botany or Zoology.....	
Psychology.....	
Advanced Mathematics, including Algebra and Trigonometry...	

SUGGESTED ELECTIVE COURSES:

English (additional), Economics, History, Sociology, Political Science, Logic, Latin, Greek, Drawing.

*SUMMER PRE-MEDICAL COURSES

The University of Cincinnati will offer, in the summer of 1922, courses in physics, analytical chemistry, organic chemistry, and zoology. These courses will begin on June 19 and continue until August 12, a term of eight weeks. They will be open to students whose credentials, filed with the Director of Admissions, show that they have completed the high school course. Those taking chemistry must have had one year of general chemistry at college. Special students, not candidates for a degree, will also be admitted, provided that they show satisfactory preparation for the particular course to be taken. No student will be allowed to take more than one full course or two half courses. A full course consists of one lecture and one laboratory period six days a week, and a half course of one lecture and one laboratory period three days a week.

Students completing these courses in a satisfactory manner will receive credits for admission to the College of Medicine. Furthermore, the credits

*For courses offered, see p. 119.

granted in the pre-medical summer courses partially fulfill the requirements for the combined B.S. and M.D. degrees as follows: analytical chemistry, 4 credits; organic chemistry, 4 credits; physics, 8 credits; zoology, 8 credits.

COMBINED PROGRAMS

FIVE-YEAR COMBINED LIBERAL ARTS AND TEACHING PROGRAM

The University offers extended curricula which lead, at the end of the fourth year, to the degree of Bachelor of Arts, conferred upon recommendation of the faculty of the McMicken College of Liberal Arts, and which lead also, at the end of the fifth year, to appropriate teachers' diplomas, conferred upon recommendation of the faculty of the College for Teachers.

SIX-YEAR COMBINED LIBERAL ARTS AND LEGAL PROGRAM

Leading to the degrees A.B., LL.B.

A student who has received credit for the work of the first two years in the College of Liberal Arts may, in the third year, elect from four to six hours a semester of the lectures of the first year of the law course as a substitute for studies in the College of Liberal Arts, and in the following year he may, in the same way, take the remainder of the thirteen hours of the first year's course in the College of Law. Or, if he so desires, he may elect, in his Senior year, the entire thirteen hours of the first-year law course (equivalent to twenty-six credit hours in the College of Liberal Arts), provided he has fulfilled all the requirements for obtaining his A.B. degree.

SEVEN-YEAR COMBINED LIBERAL ARTS AND MEDICAL PROGRAM

Leading to the degrees A.B., M.D.*

The entrance requirements to this course are those of the College of Liberal Arts. The A.B. degree is granted upon the joint recommendation of the faculties of the Colleges of Arts and Medicine at the end of the first medical year, the M.D. at the end of the fourth medical year. In this course the student must satisfy all the requirements for the A.B. degree, (as outlined on pages 105 of this announcement), and must also include all subjects required for the pre-medical course.

*Students electing the above course will not be granted the B.S. degree after completing the second year of the medical course. Those courses in the College of Liberal Arts counting for a Bachelor's degree in either the six or seven-year combined liberal arts and medical program may not count for more than one Bachelor's degree.

The 124 credits must be distributed as follows:

94 credits in the College of Liberal Arts:

English	10
Foreign Language (French or German)	12
Natural Science (Chemistry, Physics, Zoology)	10
History, Economics, Political Science, Social Science	12
Mathematics, Philosophy, Psychology	12
Electives (required sciences)	8
Two years of Gymnasium	
Major subject, Chemistry or Zoology (advanced courses)	18
Major Distributed Credits (Chemistry, Physics, Zoology)	12
TOTAL	94
30 credits in the first year of the medical course	30

*SIX-YEAR COMBINED LIBERAL ARTS AND MEDICAL PROGRAM

Leading to the degrees B.S., M.D.†

The entrance requirements to this course are those to the College of Liberal Arts. The B.S. degree will be granted, upon the joint recommendation of the faculties of the Colleges of Liberal Arts and Medicine, at the end of the second medical year, and the M.D. degree at the end of the sixth year. Every candidate for the B.S. degree must obtain, in an approved college of liberal arts, 60 credits of pre-medical work, distributed according to the plan outlined below.

All candidates for degrees conferred partly on recommendation of the College of Liberal Arts, partly on recommendation of a professional school of the University, must maintain in their Liberal Arts work an average grade of at least "C," or, in other words, must secure quality points of equal number with their Arts credits. For a fuller explanation, see page 105 of this announcement.

*Students who are candidates for the B.S. degree in the combined liberal arts and medical course must secure at least 30 liberal arts credits in residence at the University of Cincinnati. These credits may, if the student so desires, be gained during his first and second years in the College of Medicine by work in the Departments of Anatomy, Bacteriology, Biochemistry, Pathology, Pharmacology, and Physiology, recognized by the College of Liberal Arts.

†Students who receive the B.S. degree on the completion of this course may not be granted the A.B. degree by taking additional courses in the College of Liberal Arts or in the College of Medicine.

Students taking either or both of their pre-medical years in an approved college of liberal arts outside of Cincinnati must (a) present credentials to the Director of Admissions showing that they have fulfilled the entrance requirements of the College of Liberal Arts of the University of Cincinnati; and (b) secure, by following the usual regulations for applicants for advanced standing, advanced credits for satisfactory work in the required subjects. The "quality point" rule explained in the paragraph above as applying to liberal arts students in the University of Cincinnati applies equally to students wishing advanced standing credit for pre-medical work done elsewhere. No student will be accepted as a candidate for the B.S. degree unless he can present 60 credits (secured in residence or through advanced standing) in the subjects outlined.

FIRST YEAR

The courses which are prescribed in the pre-medical years of the College of Liberal Arts of the University of Cincinnati or for which an equivalent in credit must be brought from some other college of recognized standing are as follows:

Chemistry—10 hours: *First semester*, Courses 1 and 2; *second semester*, Courses 3 and 4

Zoology—10 hours: Courses 1 and 2

English—6 hours: Course 1

German—6 hours: Course 1; or *French*—6 hours: Course 1

Physical Education—2 hours

A reading knowledge of either French or German is required, whether the language be studied in high school or college. A student without high school French or German, must elect German 1 or French 1 in his first year, and German 20 or French 20 in his second year. If he has had two years of high school German, he must elect German 20 (scientific German) in his first year, and he may take either French 1 or an elective in his second year. If he has had two years of high school French, but no German, he must take French 20 in his first year, and German 1 or an elective in his second year. A student already having a reading knowledge of French or German (four years of either) is not required to take a foreign language in his pre-medical course, although he is strongly urged to do so. In case such a student takes no foreign languages, he must substitute, with the approval of his Adviser, an elective subject.

SECOND YEAR

Chemistry—9 hours: *First semester*, Course 7, analytical chemistry, 4 hours; *second semester*, Courses 8 and 9, 5 hours, organic chemistry

Physics—10 hours: *First semester*, Courses 26 and 2; *second semester*, Courses 27 and 22

Vertebrate Embryology—4 hours, *second semester*; *Zoology*, Courses 19b and 20b

Scientific German—4 hours (German 20); or *Scientific French*—4 hours (French 20). (See paragraph on French and German under "First Year").

Physical Education—2 hours

Elective—5 hours, *first semester*

The third, fourth, fifth, and sixth years of this combined course are the regular years of the College of Medicine.

*FIVE-YEAR COMBINED LIBERAL ARTS AND NURSING PROGRAM

Leading to the degree B.S.

The College of Liberal Arts and the School of Nursing and Health have established a course which will enable students to obtain the degree of Bachelor of Science upon the completion of five years' work.

The *entrance requirements* to this course are those to the College of Liberal Arts.

The *college requirements* for this degree consist of 64 credits in the College of Liberal Arts and 72 credits in the School of Nursing and Health, as follows:

COLLEGE OF LIBERAL ARTS

First Year

Required:

Chemistry 1, 2, 3, 4.....	10 hours
English 1.....	6 hours
Zoology 1, 2.....	10 hours
Hygiene.....	4 hours
Physical Education.....	2 periods a week

TOTAL (excluding Physical Education).....30 hours

A reading knowledge of either French or German is required, whether the language be studied in high school or college. A student without high school French or German, must elect German 1 or French 1 in her first year, and German 20 or French 20 in her second year. If she has had two years of high school German, she must elect German 20 (scientific German) in her first year, and she may take either French 1 or an elective in her second year. If she has had two years of high school French, but no German, she must take French 20 in her first year, and German 1 or an

*Students who are candidates for the B.S. degree in the combined liberal arts and professional courses other than the medical must spend the second year of academic work in residence in the College of Liberal Arts.

elective in her second year. A student already having a reading knowledge of French or German (four years of either) is not required to take a foreign language in her pre-nursing course, although she is strongly urged to do so. In case such a student takes no foreign languages, she must substitute, with the approval of her Adviser, an elective subject.

Second Year

Electives from the following group of subjects: psychology, economics, social science, political science, history, chemistry, philosophy, English, physics, mathematics, zoology, and botany. . . 34 hours

Required:

Physical Education 2 periods a week

TOTAL 36 hours

All candidates for degrees conferred partly on recommendation of the College of Liberal Arts, partly on recommendation of a professional school of the University, must maintain in their Liberal Arts work an average grade of at least "C," or, in other words, must secure quality points of equal number with their Arts credits. For a fuller explanation, see page 105 of this announcement.

SCHOOL OF NURSING AND HEALTH

The 72 credits in the School of Nursing and Health shall be distributed as follows: 50 credits will be given for courses of study in the School of Nursing and Health and other departments of the University, and 22 credits for courses of practice in the wards, operating rooms, dispensary, and diet kitchen of the hospital. The work in the School of Nursing and Health will cover three calendar years (34 months).

For further information, address the Director of the School of Nursing and Health, Cincinnati General Hospital, Cincinnati, Ohio.

SIX-YEAR COMBINED LIBERAL ARTS AND COMMERCE PROGRAM

Leading to the degree B.S.

The College of Liberal Arts and the College of Engineering and Commerce have arranged a course which will enable the student to obtain the degree of Bachelor of Science upon the completion of six years of work, of which two will be spent in full-time study in the College of Liberal Arts, and four will be spent in study in the College of Engineering and Commerce performed concurrently with full-time work with local business firms.

The *entrance requirements* for this course are explained in the Announcement of Evening Courses in the College of Engineering and Commerce.

The college requirements for the degree are 124 credits, exclusive of hygiene and gymnasium credits.

The Liberal Arts work prerequisite to the Commerce work consists of 68 credit hours, in which the student must obtain 68 quality points, according to the plan explained on page 105 of this Announcement. The subjects to be included in the two years are as follows:

Mathematics 1.....	6 credits
Mathematics 2.....	6 "
Chemistry 1, 3, 2, 4.....	10 "
Physics 26, 2, 27, 22.....	10 "
English 1.....	6 "
English.....	4 "
Economics 1.....	6 "
Economics 2.....	4 "
History 1.....	6 "
History 15.....	6 "
Hygiene.....	4 "

COURSES OF INSTRUCTION

*SUMMER 1921

JUNE 20—AUGUST 13

CHEMISTRY

- 7c. ANALYTICAL CHEMISTRY.—Open to students majoring in chemistry and to pre-medical students.

Lectures—Tu., Th., S., 8:00-9:30

Laboratory—Tu., Th., S., 9:30-12:00

Four credits

Miss Neuffer

Prerequisites: Courses 1a, 2a, 3b, 4b, or their equivalent

- 8c. ORGANIC CHEMISTRY.—Lectures, M., W., F., 8:00-9:30; laboratory, M., W., F., 9:30-12:00. Four credits.

Miss Neuffer

Lectures arranged to meet the needs of those majoring in chemistry, medicine, and biological sciences.

PHYSICS

The course in physics comprises, as far as possible, Courses 26, 27, 2, and 22.

(See p. 137.) Lec., M., Tu., W., Th., F., S., 8:00-9:30; lab., M.,

Tu., W., Th., F., S., 9:30-12:00. Eight credits. Mr. Allen.

The course is intended for students preparing to enter the College of Medicine, and its completion will satisfy the physics requirement for entrance to that college.

*For additional summer courses students are referred to the Announcement of Summer Extension Courses to be given at the University.

ZOOLOGY

The course in zoology corresponds to Courses 1 and 2. (See p. 143.) Lec., M., Tu., W., Th., F., S., 8:00-9:30; lab., M., Tu., W., Th., F., S., 9:30-12:00. Eight credits. Mr. Day

COURSES OF INSTRUCTION

SESSION 1921-1922

ASTRONOMY

PROFESSOR PORTER; ASSOCIATE PROFESSOR YOWELL; ASSISTANT PROFESSOR SMITH.

For Undergraduates

- 1b. DESCRIPTIVE ASTRONOMY.—*Second semester*, Tu., Th., 10:30-11:30.
Mr. Porter

For Undergraduates and Graduates

3. SPHERICAL AND PRACTICAL ASTRONOMY.—Once a week throughout the year. Mr. Porter and Mr. Yowell
4. CELESTIAL MECHANICS.—Once a week throughout the year.
Mr. Porter and Mr. Yowell

Courses 3 and 4 will be given at the Observatory.

BIBLICAL LITERATURE

LECTURER FARR

For Undergraduates and Graduates

9. EIGHTH CENTURY PROPHETS.—*First Semester*. Tu., Th., 11:30-12:30.
Mr. Farr
10. WISDOM LITERATURE.—*Second semester*. Tu., Th., 11:30-12:30
Mr. Farr

Courses Regularly Given, but Omitted during 1921-1922

8. EPIC LITERATURE.—*Second semester*. Mr. Farr
12. LYRIC LITERATURE.—*Second semester*. Mr. Farr
14. SOCIAL TEACHING OF JESUS.—*Second semester*. Mr. Farr

EVENING COURSES

209. EIGHTH CENTURY PROPHETS.—*First semester*. Th., 7:30-9:30.
Mr. Farr
210. WISDOM LITERATURE.—*Second semester*. Th., 7:30-9:30. Mr. Farr

*BOTANY

PROFESSOR BENEDICT; ASSOCIATE PROFESSOR WILSON; INSTRUCTORS BRAUN, BEGHTEL

In the advanced courses, training in physics and chemistry, as well as ability to read French and German, is of advantage. Special facilities are afforded students pursuing courses of research.

Students contemplating training in agriculture at an agricultural college should, after consultation with the head of this department, register for Courses 1 and 2.

Students who desire to be recommended as teachers of botany in secondary schools must complete as a minimum Courses 1, 2, 3, 4, 5, 6, and 18, inclusive. It is very desirable that they also do at least one year of graduate work.

For Undergraduates

1. PLANT BIOLOGY.—This course must be taken in connection with Course 2.
 Sec. I: M., W., F., 8:30- 9:30
 Sec. II: M., W., F., 9:30-10:30 Mr. Benedict
 Course 1 is required as a prerequisite to all other courses in botany and agriculture.
2. EXPERIMENTAL PLANT BIOLOGY.—This course must be taken in connection with Course 1.
 Sec. I: M., W., 1:00-4:00 Sec. III: Tu., Th., 8:30-11:30
 Sec. II: Tu., Th., 1:00-4:00 Sec. IV: Tu., Th., 8:30-11:30
Mr. Wilson, Mr. Beghtel,
3. PLANT ECOLOGY.—Tu., Th., 11:30-12:30. Mr. Benedict
 Prerequisite: One year of botany
4. PLANT ECOLOGY, LABORATORY.—Laboratory and field work. Tu., Th., 1:00-3:00. Miss Braun
 Prerequisite: Courses 1 and 2

For Undergraduates and Graduates

5. SYSTEMATIC BOTANY.—One lecture with one laboratory or field period of work a week on the local plants. Miss Braun
 Prerequisite: Courses 1 and 2
10. PLANT BREEDING.—M., W., 11:30-12:30. Mr. Benedict
 Prerequisite: One year of either botany or zoology.
- 16a. PLANT HISTOLOGY. — One lecture, two laboratory periods a week.
First semester, lec., M., 1:00-2:00; lab., M., 2:00-4:00, W., 1:00-4:00. Three credits. Mr. Beghtel
 Prerequisite: Two years' work in botany

*Properly qualified Juniors and Seniors in the College of Liberal Arts may elect courses in anatomy, bacteriology, pathology, pharmacology, and physiology in the College of Medicine, and may count these courses towards fulfilling the requirements for the A.B. degree.

- 16b. PLANT CYTOLOGY.—One lecture, two laboratory periods a week.
Second semester, lec., M., 1:00-2:00; lab., M., 2:00-4:00, W.,
 1:00-4:00. Mr. Beghtel
 Prerequisite: Course 16a
17. SPECIAL PROBLEMS.—One, two, or three hours' credit. Instructor
 according to the problem.
 Prerequisite: Three years of botanical work and special aptitude
 for the type of problem chosen
18. PLANT PHYSIOLOGY.—For Seniors in botany and graduate students.
 Two lectures a week. Mr. Benedict

Primarily for Graduates

20. CURRENT PROBLEMS IN BOTANY.—One or two credit hours.
 Mr. Benedict
 A reading knowledge of French or German is required.
 Prerequisite: Courses 1, 2, 3, 4, 5, 6a, 6b, 16a, 16b, 18
21. RESEARCH.—Credit according to number of hours elected.
 Mr. Benedict, Mr. Wilson, Miss Braun

EVENING COURSE

201. THE PLANT IN MODERN LIFE.—Tu., Th., 7:30-9:30. Mr. Wilson

CHEMISTRY

PROFESSOR FRY; ASSOCIATE PROFESSOR OESPER; ASSISTANT PROFESSOR
 NEUFFER; INSTRUCTORS SCHERRER, DONNELLY, FEUSSE, DAUM

Undergraduate students majoring in chemistry are required to pursue
 Courses 5a (or 5c), 6a (or 6c), 7a (or 7c), 8b (or 8c), 9b (or 9c), 12a.

Students contemplating graduate work in chemistry should complete
 in addition to the above the following courses: 7b, 18a, 19a, 13a, 32b, and
 33b. (See "Special Requirements for Higher Degrees" in the Graduate
 School Announcement.)

For Undergraduates

- 1a. GENERAL INORGANIC CHEMISTRY.—*First semester*, M., W., F., 8:30-
 9:30. Mr. Fry and assistants
- 2a. GENERAL INORGANIC CHEMISTRY, LABORATORY.—*First semester*
 Sec. I: M., W., 1:00-4:00.
 Sec. II: Tu., Th., 1:00-4:00. Mr. Fry, Mr. Donnelly, and assistants
- 3b. GENERAL INORGANIC CHEMISTRY.—*Second semester*, M., W., F.,
 8:30-9:30. Mr. Fry and assistants
 A continuation of Course 1a. The metals. This course must be
 accompanied by Course 4b.
 Prerequisite: Courses 1a and 2a

- 4b. GENERAL INORGANIC CHEMISTRY, LABORATORY.—*Second semester.*
Sec. I: M., W., 1:00-4:00.
Sec. II: Tu., Th., 1:00-4:00. Mr. Fry, Mr. Donnelly, and assistants
- 5a. QUALITATIVE ANALYSIS.—*First semester*, Tu., Th., 8:30-9:30.
Prerequisite: Courses 3b and 4b Miss Neuffer
- 6a. QUALITATIVE ANALYSIS, LABORATORY.—*First semester*, three exercises a week. M., W., F., 1:00-4:00. Miss Neuffer
To accompany Course 5a.
- 7a. ELEMENTARY QUANTITATIVE ANALYSIS.—*First semester*, lec., M., W., F., 8:30-9:30; lab.
Sec. I: M., W., 1:00-4:00.
Sec. II: Tu., Th., 1:00-4:00. Mr. Oesper and assistant
Prerequisite: Courses 3b and 4b.
- 7b. INTERMEDIATE QUANTITATIVE ANALYSIS.—*Second semester*, lec., Tu., Th., 8:30-9:30; lab., Tu., Th., 1:00-4:00. Mr. Oesper
A continuation of Course 7a, and a prerequisite to Technical Analysis.
- 8b. ELEMENTARY ORGANIC CHEMISTRY.—*Second semester*, M., W., F., 8:30-9:30. Miss Neuffer
Prerequisite: Courses 3b and 4b.
- 9b. ORGANIC REACTIONS AND PREPARATIONS.—Laboratory practice to accompany the lectures of Course 8b. *Second semester.*
Sec. I: M., W., 1:00-4:00.
Sec. II: Tu., Th., 1:00-4:00. Miss Neuffer and assistant
Prerequisite: Courses 3b and 4b
- 16b. INTERMEDIATE QUALITATIVE ANALYSIS.—Two laboratory periods a week. Miss Neuffer
Prerequisite: Courses 5a and 6a
17. TECHNICAL ANALYSIS.—Laboratory. May be taken either semester or both semesters. Three credit hours. Mr. Oesper
Prerequisite: Course 7b
- 18a. INTERMEDIATE ORGANIC CHEMISTRY.—A continuation of Course 8b. M., W., F., 9:30-10:30. Miss Neuffer
Prerequisite: Courses 8b and 9b, or 8c and 9c
- 19a. INTERMEDIATE ORGANIC CHEMISTRY, LABORATORY.—*First semester*, two periods a week. Miss Neuffer
This course is open to students pursuing Course 18a.
- 41a. CHEMISTRY IN THE HOUSEHOLD ARTS.—*First semester*, Tu., Th., 9:30-10:30. Miss Neuffer
Prerequisite: Courses 3b, 4b, 8b and 9b
- 42a. CHEMISTRY IN THE HOUSEHOLD ARTS, LABORATORY.—M., W., 9:30-12:30. Miss Neuffer
Prerequisite: Courses 3b, 4b, 8b and 9b

For Undergraduates and Graduates

- 10a. ADVANCED INORGANIC CHEMISTRY.—Tu., Th., 8:30-9:30. Mr. Fry
Prerequisite: Courses 7a, 8b and 9b
11. INORGANIC PREPARATIONS.—*First or second semester*, two or three
laboratory exercises a week. Mr. Oesper
Prerequisite: Courses 7a, 8b, and 9b
- 12a. PHYSICAL CHEMISTRY.—*First semester*, M., W., F., 11:30-12:30.
Mr. Feusse
Prerequisite: Courses 5a, 6a, 7a, 8b, 9b; Physics 26a, 27b;
Mathematics 5 is recommended.
- 13a. PHYSICAL CHEMISTRY, LABORATORY.—This course accompanies
Course 12a. *First semester*, F., 1:00-4:00; S., 8:30-11:30.
Mr. Feusse
- 32b. ELECTRO - CHEMISTRY.—*Second semester*, M., W., F., 10:30-11:30.
Prerequisite: Course 12a Mr. Feusse
- 33b. ELECTRO - CHEMISTRY, LABORATORY.—This course accompanies
Course 32b. *Second semester*, F., 1:00-4:00; S., 8:30-11:30.
Mr. Feusse
- 34a. CHEMISTRY OF COLLOIDS.—*First semester*. Three lectures a week.
Prerequisite: Courses 12a, 13a Mr. Oesper
28. ULTIMATE ORGANIC ANALYSIS. Mr. Oesper
- 20b. ADVANCED ORGANIC CHEMISTRY.—M., W., F., 9:30-10:30.
Mr. Farnau
Prerequisite: Courses 5a, 6a, 18a, and 19a, and a reading knowl-
edge of German and French
- 21b. ADVANCED ORGANIC CHEMISTRY, LABORATORY.—Credit according to
number of hours elected. Mr. Farnau
Prerequisite: Same as for Course 20b
- 24b. HISTORY OF CHEMISTRY.—*Second semester*, three exercises a week.
Prerequisite: Courses 5a, 6a, 7a, 8b, and 9b Mr. Fry
27. ADVANCED QUANTITATIVE ANALYSIS.—Credit according to number
of hours elected. Mr. Oesper

Primarily for Graduates

30. RESEARCH.—Problems for investigation may be chosen in the
following fields: organic chemistry (30a); inorganic chemistry
(30b); physical chemistry (30c); analytical chemistry (30d).
Mr. Fry, Mr. Goettsch, Mr. Oesper, Mr. Farnau, Mr. Boone
During the summer of 1922, students engaged in research may
enroll in the Graduate School.
40. SEMINAR.—M., 4:00. Mr. Fry

CLASSICS

PROFESSOR SEMPLE; INSTRUCTORS ROBINSON, BUTTENWIESER

GREEK

For Undergraduates

1. ELEMENTARY GREEK.—M., W., F., 8:30-9:30. Mr. Robinson
2. HOMER: THE ILIAD AND ODYSSEY.—M., W., F., 1:00-2:00.
Mr. Robinson
Prerequisite: Course 1, or two years of high school Greek
5. MASTERPIECES OF GREEK LITERATURE IN ENGLISH TRANSLATIONS.—
Tu., Th., 9:30-10:30. Mr. Semple
No knowledge of Greek assumed or required. Open to all students.
Course may be entered for the second term alone.

LATIN

For Undergraduates

1. COMEDY.—Sec. I: Tu., Th., S., 11:30-12:30 Mr. Semple
Sec. II: M., W., F., 9:30-10:30. Miss Buttenwieser
Prerequisite: Four years of high school Latin
6. PROSE COMPOSITION.—Tu., 10:30-11:30. Mr. Robinson
Recommended to students of Freshman and Sophomore Latin.
2. HORACE: *Satires* and *Epistles*; PETRONIUS: *Cena Trimalchionis*.—
M., W., F., 9:30-10:30. Miss Buttenwieser
Prerequisite: Course 1
3. TACITUS: *Annales*; MARTIAL: *Epigrammes*.—Three hours.
Prerequisite: Course 2 Mr. Robinson
5. MASTERPIECES OF LATIN LITERATURE IN ENGLISH TRANSLATIONS.—
Tu., Th., 10:30-11:30. Mr. Semple
No knowledge of Latin assumed or required. Open to all students.
Course may be entered for the second term alone.

Attention is called to Philosophy 4a and Physics 32a, which deal with Greek philosophic thought.

ECONOMICS

(The Sinton Professorship)

ASSOCIATE PROFESSOR FOREMAN; INSTRUCTOR BOGARDUS

Students intending to major in Economics should take Course 1 in the Freshman year, and Course 2 in the Sophomore year.

For Undergraduates

1. ECONOMICS.—M., W., 9:30-10:30, and a third hour to be arranged for sectional meetings. Mr. Bogardus
2. ECONOMIC HISTORY.—Tu., Th., 10:30-11:30. Mr. Foreman
Prerequisite: Course 1

For Undergraduates and Graduates

- 15a. TRANSPORTATION.—*First semester*, M., W., F., 10:30-11:30.
Prerequisite: Course 1 Mr. Foreman
- 18b. FOREIGN TRADE POLICIES.—*Second semester*, M., W., F., 10:30-11:30.
Prerequisite: Course 1 Mr. Foreman
- 19a. MONEY AND BANKING.—*First semester*, M., W., F., 9:30-10:30.
Prerequisite: Course 1 Mr. Foreman
- 20b. MONOPOLIES AND TRUSTS.—*Second semester*, M., W., F., 9:30-10:30.
Prerequisite: Course 1 Mr. Foreman
- 16b. LABOR.—*Second semester*, Tu., Th., 2:00-3:00. Mr. Bogardus
Prerequisite: Course 1

Primarily for Graduates

12. HISTORY OF ECONOMIC THEORY.—Twice weekly. Mr. Foreman
21. SEMINARY.—Twice weekly. Mr. Foreman
23. RESEARCH.—Credit according to number of hours elected.
Mr. Foreman

EVENING COURSES

231. STATISTICS.—M., 5:00-7:00. Mr. Foreman
232. ECONOMICS (SIMILAR TO COURSE 1).—Th., 7:30-9:30. Mr. Foreman

EDUCATION

PROFESSORS BURRIS, HALL-QUEST, Sechrist*; ASSISTANT PROFESSOR JENKINS

The following courses count towards the A.B. degree in the College of Liberal Arts. They are required of Juniors and Seniors in this college who expect to spend an additional year in further preparation for teaching.

1. EUROPEAN BACKGROUND AND PUBLIC EDUCATION IN THE UNITED STATES.—M., W., F., 9:30-10:30. Mr. Burris
Open to Juniors. Required of all students who are preparing to teach.

*To December 8, 1921

- 2a. TEACHING IN ELEMENTARY SCHOOLS.—*First semester.* M., W., 8:30-9:30, and one hour observation a week, to be arranged.
Miss Jenkins
Open to Seniors. Required of all students who are preparing to teach.
- 2b. TEACHING IN HIGH SCHOOLS.—*Second semester.* M., W., 8:30-9:30, and one hour observation a week, to be arranged. Mr. Hall-Quest
Open to Seniors. Required of all students who are preparing to teach.
- 4a. EDUCATIONAL PSYCHOLOGY.—*First semester,* M., W., F., 10:30-11:30.
Open to Seniors. Mr. Sechrist† and Mr. Hall-Quest
- 4b. PSYCHOLOGY OF SCHOOL MANAGEMENT.—*Second semester,* M., W., F., 10:30-11:30.
Miss Jenkins
Open to Seniors.

For a complete list of courses in education given in the University, and for full information with regard to the requirements for those who wish to prepare for various positions in school work, see the Announcement of the College for Teachers.

ENGLISH

COMPARATIVE LITERATURE

(The Nathaniel Ropes Foundation for the Comparative Study of Literature)

PROFESSOR CHANDLER†; PROFESSORS PARK (ENGINEERING ENGLISH), LOTSPEICH (COMPARATIVE PHILOLOGY); ASSOCIATE PROFESSORS STEVENS, VAN WYE (PUBLIC SPEAKING), SHIPHERD; ASSISTANT PROFESSOR CUMMINGS; INSTRUCTORS STANLEY, PHILLIPS, BYERS, STRAUS; AND ASSISTANTS

All students in English, before making their election of courses, are advised to consult with some member of the department, and to read carefully the departmental bulletin of information as to the proper sequence in which such courses should be taken.

No student should enter or withdraw from a two-semester course at the beginning of the second semester without first consulting the instructor concerned.

Students majoring in English are required to take as part of their program, preferably in the Junior year, either Course 7 or Course 10.

For Undergraduates Only

1. ENGLISH COMPOSITION AND LITERATURE.—Thirteen sections.* Sections 6a-6w M., W., F., 10:30-11:30; Section 2, M., W., F., 8:30-9:30; Section 4, M., W., F., 9:30-10:30; Section 1, Tu., Th., S., 8:30-9:30; Section 3, Tu., Th., S., 9:30-10:30; Section 10 (for those

*Any section may be discontinued in which the enrollment is less than 20. Students should, therefore, keep the 10:30 hour, M., W., F., free for English 1.

†Absent on leave, 1921-1922

‡To December 8, 1921.

who, after having been assigned to laboratories, find that these hours are free), M., W., F., 1:00-2:00.

Mr. Shipherd, Mr. Stevens, Miss Simrall, Mr. Cummings, Miss Stanley, Mr. Phillips, Mr. Byers, Mr. Straus, and assistants. Course 1 is required for all students in the College of Liberal Arts in the Freshman year.

Students found to be notably deficient in spelling, punctuation, grammar, and paragraphing will not be allowed to continue in the course but must seek by private study to remedy their deficient preparation.

A passing grade received in English 1 may at any time lapse into a "condition," upon recommendation of the Department of English, or upon the joint recommendation of that and any other department of the College of Liberal Arts. A condition thus incurred may be removed only at the examination period next ensuing, and if not removed within one semester, it will lapse into a failure. The method of removing the condition will be determined by the Department of English according to the individual case, but in any event it must include a written test.

2. A SURVEY OF ENGLISH LITERATURE.—Nine sections. Sections 1-2, M., W., 11:30-12:30; Sections 3-5, Tu., Th., 9:30-10:30; Sections 6-7, Tu., Th., 10:30-11:30; Sections 8-9, Tu., Th., 11:30-12:30. Mr. Cummings, Mr. Lotspeich, Mr. Shipherd, Miss Stanley, Mr. Byers, Mr. Straus.

Course 2 is required of all students for the A.B. degree, and should be taken in the Freshman or Sophomore year. If it is deferred till the Junior year, it will count but half credit. No Sophomore may take any other course in literature unless enrolled in or already credited with English 2.

15. ADVANCED COMPOSITION (SHORT STORY AND ESSAY WRITING).—Tu., Th., 10:30-11:30. Miss Stanley

Course 15 is recommended for Sophomores who have passed creditably in Course 1.

25. PUBLIC SPEAKING.—

Sec. I: Tu., Th., 10:30-11:30

Sec. II: Tu., Th., 11:30-12:30

Sec. III: Tu., Th., 2:00-3:00

Sec. IV: W., F., 1:00-2:00

Mr. Van Wye

Course 25 is recommended for students who expect to take Course 13b, and it is required of pre-legal students.

- 9a. ARGUMENTATION.—*First semester*, Tu., Th., 8:30-9:30.

Mr. Van Wye

Students who take English 9a should have completed both semesters of English 1 with a grade of "c" or better.

- 9b. THE FORMS OF PUBLIC ADDRESS.—*Second semester*, Tu., Th., 8:30-9:30. Mr. Van Wye
 Courses 9a and 9b are intended to serve as preparation for debating and effective public speaking. They are recommended for Sophomores and for those who may become candidates for the Jones prizes.
- 13b. DEBATING.—*Second semester*, M., 2:00-4:00. Mr. Van Wye
 Course 13b is open to students who have passed creditably in Courses 1 and 9a. Students interested in public speaking are advised to take Courses 9a and 9b one year, and Course 13b the next.
5. SHAKESPEARE.—M., W., F., 9:30-10:30. Mr. Stevens
 Prerequisite: English 2
11. THE ENGLISH NOVEL, SCOTT TO HARDY.—Tu., Th., 9:30-10:30
 Mr. Stevens
18. AMERICAN LITERATURE.—Tu., Th., 1:00-2:00. Mr. Byers
 Prerequisite: English 2

For Upper-Classmen and Graduates

12. LITERARY COMPOSITION.—Tu., Th., 10:30-11:30. Mr. Shipherd
 Membership in Course 12 is strictly limited. Those who wish to enter should first submit manuscripts to the instructor for approval.
47. HISTORY OF THE ENGLISH LANGUAGE.—Tu., Th., 8:30-9:30
 Mr. Lotspeich
10. CHAUCER AND HIS PERIOD.—Tu., Th., 11:30-12:30. Mr. Stevens
14. ENGLISH DRAMA TO 1642.—Tu., Th., 11:30-12:30. Miss Stanley
16. ROMANTIC POETRY AND PROSE (1798-1832).—Tu., Th., 9:30-10:30.
 (Omitting the novel) Mr. Phillips
6. VICTORIAN POETRY.—M., W., F., 8:30-9:30. Mr. Shipherd
17. RECENT ENGLISH AND AMERICAN POETRY.—W., 4:00-6:00
 Mr. Cummings

For Graduates Only

120. EUROPEAN FICTION.—Seminary. M., 4:00-6:00. Mr. Stevens

For Teachers

For courses available for teachers, see Courses 17, 120, the evening courses, and the following:

40. VOICE TRAINING FOR TEACHERS.—W., 4:00-6:00. Mr. Van Wye
 This includes discussion of problems of the school room in the care and direction of children's voices to prevent the development or confirming of speech defects.

For Undergraduates and Graduates

7. MINERALOGY.—Lectures and laboratory. Four credits. Tu., Th., S., 9:30-10:30, F., 1:40-5:00. Mr. von Schlichten
8. INTRODUCTORY PALEONTOLOGY.—Three hours. Mr. Bucher
11. PRACTICAL EXERCISES IN STRUCTURAL GEOLOGY (LAB. ONLY).—One hour credit. Mr. Bucher
13. SPECIAL WORK IN GEOLOGY.—Any student in this department may, by agreement with the instructors in charge, register for individual study or investigation not described in the list of courses. Such work must be regularly supervised and approved upon examination or by the preparation of a thesis. Credit according to number of hours elected.
19. HISTORICAL GEOLOGY.—Lec. S., 8:30; field or lab., 10:30-12:30. Mr. Bucher
For teachers who have had Course 14.
22. FIELD COURSE.—Six credits. Mr. Bucher
Prerequisite: Courses 1, 2, or 14

For Teachers

See above courses 14, 16, 19

EVENING COURSE

217. INTRODUCTION TO WORLD GEOGRAPHY.—M., 7:30-9:30. Mr. Case

GERMAN

PROFESSORS POLL, LOTSPEICH; INSTRUCTOR NIPPERT

For Undergraduates

1. ELEMENTARY GERMAN.—
Sec. I: Tu., Th., S., 8:30-9:30
Sec. II: M., W., F., 9:30-10:30 Miss Nippert
Course 1 is open to students who have had no German in the high school.
2. GERMAN PROSE AND POETRY.—
Sec. I: M., W., F., 8:30-9:30
Sec. II: Tu., Th., S., 9:30-10:30 Miss Nippert
Prerequisite: Course 1 or two years of high school German
Courses 1 and 2 do not count towards a major in German.

20. GERMAN SCIENTIFIC PROSE.—M., W., 11:30-12:30. Mr. Lotspeich
Prerequisite: Course 1 or its equivalent
Course 20 does not count towards a major in German. If taken
after Course 2, Course 20 will count only as a half course.
3. GERMAN COMPOSITION (BEGINNERS' COURSE).—Tu., Th., 10:30-11:30.
Prerequisite: Course 1 Miss Nippert
Courses 2 and 3 may be advantageously taken together.
4. INTRODUCTION TO GERMAN LITERATURE OF THE EIGHTEENTH CEN-
TURY.—M., W., F., 9:30-10:30. Mr. Poll
Prerequisite: Course 2 or four years of high school German
Students in this course are urged to take a composition course in
addition.

For Undergraduates and Graduates

5. HISTORY OF GERMAN LITERATURE TO THE NINETEENTH CENTURY.—
M., W., F., 10:30-11:30 Mr. Poll
Prerequisite: Course 4

Primarily for Graduates

12. FAUST.—W., 4:00-6:00. Mr. Poll
Prerequisite: Course 5
16. GERMAN NOVEL OF THE NINETEENTH AND TWENTIETH CENTURIES —
M., 4:00-6:00. Mr. Poll
Prerequisite: Course 5

EVENING COURSES

233. ELEMENTARY GERMAN.—M., 7:30-9:30. Miss Nippert

HISTORY

PROFESSORS WHITCOMB, McGRANE (ENGINEERING HISTORY); ASSO-
CIATE PROFESSORS BOND, HEDGER; LECTURER MYERS; INSTRUCTOR URBAN

For Undergraduates

History 1 is the only course open to Freshmen. The other courses
listed below are open to Sophomores and upper-classmen. All students
who major in History are required to take History 1 and History 10.

1. GENERAL COURSE IN MODERN EUROPEAN HISTORY.—
Sec. I: M., W., F., 9:30-10:30
Sec. II: Tu., Th., S., 8:30-9:30 Mr. Hedger, Miss Urban

10. GENERAL COURSE IN AMERICAN HISTORY.—

Sec. I: M., W., F., 8:30-9:30

Sec. II: M., W., F., 10:30-11:30

Mr. Bond

11. FRENCH REVOLUTION AND NAPOLEON.—M., W., F., 10:30-11:30.

Miss Urban

13. GENERAL COURSE IN ENGLISH HISTORY.—Tu., Th., S., 10:30-11:30.

Miss Urban

For Undergraduates and Graduates

The following courses are open to Juniors, Seniors, and Graduates. Sophomores will be admitted only with the consent of the instructor in charge.

21. AMERICAN COLONIAL HISTORY.—Tu., Th., 10:30-11:30. Mr. Bond

22. HISTORY OF AMERICAN DIPLOMACY.—M., W., 11:30-12:30.

Mr. McGrane

25. EUROPE SINCE 1815.—Tu., Th., S., 9:30-10:30.

Miss Urban

26. ENGLAND AND GREATER BRITAIN SINCE 1815.—Tu., Th., 11:30-12:30.

Mr. Hedger

Primarily for Graduates

Seniors may be admitted to these courses only with the consent of the instructor in charge.

30. SEMINARY IN AMERICAN HISTORY.—Tu., 4:00-6:00.

Mr. Bond

Subject for 1921-1922, *The Old Northwest*, 1789-1816

EVENING COURSES

210. GENERAL COURSE IN AMERICAN HISTORY.—W., 7:30-9:30.

Mr. Bond

225. EUROPE SINCE 1815.—Th., 7:30-9:30.

Miss Urban

HYGIENE AND PHYSICAL EDUCATION

PROFESSOR MORRISON; INSTRUCTORS NIKOLOFF, HILLAS, DUKE;
LECTURER VAN BUSKIRK; MEDICAL ADVISERS DR. BOSWELL, DR.
CHENOWETH; ATHLETIC DIRECTOR CHAMBERS

PHYS. ED. 1.—Practical work; two hours a week. Swimming; one hour.
(Required of Freshman men.)

Sec. I: T., Th., 10:30-11:30

Sec. II: M., W., 11:30-12:30

Sec. III: Tu., Th., 11:30-12:30

Mr. Nikoloff

PHYS. ED. 2.—Practical work; two hours a week. Swimming; one hour.
(Required of Sophomore men.)

Sec. I: M., W., 9:30-10:30

Sec. II: M., W., 10:30-11:30

Sec. III: T., Th., 9:30-10:30

Mr. Nikoloff

PHYS. ED. 1.—Practical work; two hours a week. Swimming; one hour.
(Required of Freshman women.)

Sec. I: M., W., 11:30-12:30

Sec. II: Tu., Th., 10:30-11:30

Sec. III: Tu., Th., 2:00-3:00

Sec. IV: M., F., 10:30-11:30

Miss Duke, Miss Hillas

PHYS. ED. 2.—Practical work; two hours a week. Swimming; one hour.
(Required of Sophomore women.)

Sec. I: Tu., Th., 9:30-10:30

Sec. II: Tu., Th., 11:30-12:30

Sec. III: Tu., Th., 1:00-2:00

Miss Duke, Miss Hillas

HYG. 4a GENERAL HYGIENE.—(Required of Freshman men and women.)

First semester. Two credits.

Sec. I: Th., S., 8:30-9:30

Sec. II: Th., S., 9:30-10:30

Sec. III: M., W., 11:30-12:30

Dr. Morrison, Dr. Chenoweth

HYG. 4b. INDIVIDUAL HYGIENE.—(Required of Freshman men and women.)

Second semester. Two credits.

Sec. I: Th., S., 8:30-9:30

Sec. II: Th., S., 9:30-10:30

Sec. III: M., W., 11:30-12:30

Dr. Morrison, Dr. Chenoweth

EVENING COURSES

HYG. 234. GENERAL AND INDIVIDUAL HYGIENE.—Tues., 5:00-7:00.

Dr. Chenoweth

PHYS. TR. A.—For women. M., 7:30-9:30.

Miss Hillas

PHYS. TR. B.—For men. Tu., 7:30-9:30.

Mr. Nikoloff

*MATHEMATICS

PROFESSOR HANCOCK; ASSOCIATE PROFESSORS MOORE, SMITH, KINDLE;
INSTRUCTORS DAVIS, WINSTON; ASSISTANT MERRIMAN

*For other courses in mathematics and applied mathematics, see Announcements of College of Engineering and Commerce and College for Teachers.

For Undergraduates

1. ALGEBRA, TRIGONOMETRY.—
 Sec. I: M., W., F., 9:30-10:30 Miss Winston
 Sec. II: M., W., F., 10:30-11:30 Mr. Moore
 Sec. III: Tu., Th., S., 10:30-11:30 Miss Winston
 Students who matriculate with *less than three units* in mathematics, and who elect mathematics, should take Course 1 or 2.
4. TRIGONOMETRY AND ANALYTICS.—Tu., Th., S., 9:30-10:30
 Sec. I. Miss Winston
 Sec. II. Mr. Merriman
 Students who matriculate with *three or more units* in mathematics, and who elect mathematics, should take Course 3 or 4.
50. COURSE FOR TEACHERS OF ELEMENTARY MATHEMATICS.—Tu., 4:00-6:00. Mr. Davis
- 2a. THE MATHEMATICAL THEORY OF STATISTICS.—*First semester*, Tu., Th., S., 9:30-10:30. Mr. Moore
- 2b. THE MATHEMATICS OF INVESTMENT AND FINANCE.—*Second semester*, Tu., Th., S., 9:30-10:30. Mr. Moore
3. ANALYTICAL GEOMETRY OF TWO AND THREE DIMENSIONS.—M., W., F., 9:30-10:30. Mr. Moore
 Sophomores who have taken Course 1 and Freshmen who enter with *four units* in mathematics may take Course 3.
5. CALCULUS. DIFFERENTIAL AND INTEGRAL.—M., Tu., Th., F., 10:30-11:30. Mr. Hancock

For Undergraduates and Graduates

8. ADVANCED INTEGRAL CALCULUS.—M., W., F., 11:30-12:30. Mr. Hancock

Primarily for Graduates

39. THEORY OF NUMBERS, PART V.—Tu., Th., 4:00-6:00. Mr. Hancock
28. THEORY OF FUNCTIONS OF A REAL VARIABLE.—M., W., 4:00-5:30. Mr. Moore
60. COURSE IN READING AND RESEARCH.—Credit according to number of hours elected. Mr. Moore

EVENING COURSES

240. ALGEBRA; TRIGONOMETRY.—W., 7:30-9:30. Mr. Kindle
242. ANALYTICAL GEOMETRY AND ELEMENTARY CALCULUS.—F., 7:30-9:30. Mr. Smith

PHILOSOPHY

PROFESSOR TAWNEY; ASSOCIATE PROFESSOR HARTMAN; ASSISTANT PROFESSOR CROWLEY; ASSISTANTS

1. INTRODUCTION TO PHILOSOPHY.—Tu., Th., S., 9:30-10:30.
Prerequisite: One year of university work Mr. Hartman
- 2a. INTRODUCTION TO LOGIC.—*First semester*, Tu., Th., S., 10:30-11:30.
Prerequisite: One year of university work Mr. Tawney
- 2b. THEORY OF SCIENTIFIC METHOD.—*Second semester*, Tu., Th., S., 10:30-11:30.
Mr. Tawney
Prerequisite: Course 2a
- 4a. HISTORY OF PHILOSOPHY TO THE BEGINNING OF THE CHRISTIAN ERA.—*First semester*, M., W., F., 8:30-9:30. Mr. Tawney
- 4b. HISTORY OF THE PHILOSOPHY OF THE MIDDLE AGES.—*Second semester*, M., W., F., 8:30-9:30. Mr. Tawney
Courses 4a and 4b alternate biennially with Courses 3a and 3b.
- 5a. ETHICS.—*First semester*.
Sec. I: M., W., F., 8:30-9:30 Mr. Crowley
Sec. II: M., W., F., 10:30-11:30 Mr. Tawney
Sec. III: M., W., F., 1:00-2:00 Mr. Crowley
Prerequisite: Two years of university work
- 5b. ETHICAL INTERPRETATIONS.—*Second semester*.
Sec. I: M., W., F., 8:30-9:30 Mr. Crowley
Sec. II: M., W., F., 10:30-11:30 Mr. Tawney
Sec. III: M., W., F., 1:00-2:00 Mr. Crowley
Prerequisite: Course 5a
- 8a. AESTHETICS.—*First Semester*, Tu., Th., 11:30-12:30 Mr. Hartman
- 8b. AESTHETICS.—*Second semester*, Tu., Th., 11:30-12:30 Mr. Hartman
10. HISTORY OF SCIENCE.—M., W., F., 9:30-10:30. Mr. Crowley
11. THOUGHT-MOVEMENTS OF HISTORY.—M., W., 11:30-12:30, F., 1:00-2:00 Mr. Tawney
23. BRITISH EMPIRICISM.—Tu., Th., 8:30-9:30. Mr. Hartman
Prerequisite: Either Course 1 a-b, or 3 a-b, or 4 a-b

EVENING COURSES

222. ETHICS (SIMILAR TO COURSES 5A AND 5B).—M., 7:30-9:30.
Mr. Crowley
224. MODERN PHILOSOPHY.—Tu., 5:00-7:00 Mr. Hartman

It should be remembered that work in the Department of Philosophy is facilitated by courses in psychology, sociology, political science, general history, economics, the history of education, aesthetics, and other allied subjects dealing with human life and the products of civilization.

PHYSICS

PROFESSORS MORE, ALLEN; INSTRUCTORS EVENS, RICHARDS

*For Undergraduates*26a. GENERAL PHYSICS.—*First semester*, Tu., Th., S., 11:30-12:30.

Mr. More

27b. GENERAL PHYSICS.—*Second semester*, Tu., Th., S., 11:30-12:30.

Mr. Allen

N.B.—The above courses are designed for students in the College of Liberal Arts only; they may be elected in the Freshman year. Taken with Courses 2a and 22b, Experimental Physics, they satisfy the science requirement.

2a. EXPERIMENTAL PHYSICS.—Laboratory work arranged to accompany Course 26a. *First semester*.

Sec. I: Tu., Th., 8:30-11:30

Sec. II: Tu., Th., 1:00- 4:00

Mr. Allen, Mr. Richards

22b. EXPERIMENTAL PHYSICS.—Laboratory work arranged to accompany Course 27b. *Second semester*.

Sec. I: Tu., Th., 8:30-11:30

Sec. II: Tu., Th., 1:00- 4:00

Mr. Allen, Mr. Richards

28a. ADVANCED GENERAL PHYSICS.—*First semester*, Tu., Th., 8:30-9:30.

Mr. Allen

29b. ADVANCED GENERAL PHYSICS.—*Second semester*, Tu., Th., 8:30-9:30.

Mr. Allen

Prerequisites for Courses 28 and 29: Physics 26 and 27; Mathematics 1

4a. INTERMEDIATE EXPERIMENTAL PHYSICS.—M., W., 1:00-4:00.

Mr. Allen

4b. INTERMEDIATE EXPERIMENTAL PHYSICS.—M., W., 1:00-4:00.

Mr. Allen

Courses 4a and 4b are arranged to accompany Courses 28a and 29b.

For Undergraduates and Graduates

32a. PHILOSOPHY OF SCIENCE.—Tu., Th., 10:30-11:30

Mr. More

32b. PHILOSOPHY OF SCIENCE.—Tu., Th., 10:30-11:30

Mr. More

Courses 32a and 32b are open to all students, above the Sophomore year, who have had a course in any science. No mathematics required.

19a. THEORY OF HEAT.—*First semester*, Tu., Th., S., 11:30-12:30.

Mr. Richards

15b. THEORY OF LIGHT.—*Second semester*, Tu., Th., S., 10:30-11:30.

Mr. Richards

8. ADVANCED EXPERIMENTAL PHYSICS.—Credit according to number of hours elected. Mr. Allen, Mr. More
10. SEMINARY.—Tu., 4:00-6:00. Mr. More
16. PHYSICAL MANIPULATIONS.—No credit. Mr. Evens
- 33a. DISCHARGE OF ELECTRICITY THROUGH GASES.—M., W., 4:00-5:00. Mr. Allen
- 33b. DISCHARGE OF ELECTRICITY THROUGH GASES.—M., W., 4:00-5:00. Mr. Allen
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POLITICAL SCIENCE

PROFESSOR LOWRIE; ASSOCIATE PROFESSOR GARDNER; ASSISTANT ISAACS

For Undergraduates

1. AMERICAN GOVERNMENT.—M., W., F., 10:30-11:30. Mr. Gardner
8. CIVICS.—M., W., F., 2:00-3:00. Mr. Lowrie, Mr. Gardner
Open only to prospective teachers, who must register for this course or elect Courses 1, 11a, and 11b.
- 11a. MUNICIPAL GOVERNMENT.—*First semester.* M., W., F., 8:30-9:30. Mr. Lowrie

For Graduates and Undergraduates

- 2a. INTERNATIONAL LAW.—M., W., F., 9:30-10:30. Mr. Lowrie
Prerequisite: Junior standing.
- 3a. DEVELOPMENT OF POLITICAL THOUGHT.—*First semester.* Tu., Th., 1:00-2:00. Mr. Gardner
Prerequisite: Six hours of political science. Others by permission.
6. PUBLIC FINANCE AND TAXATION.—M., W., F., 10:30-11:30
Prerequisite: Economics 1 Mr. Lowrie
- 9b. EUROPEAN GOVERNMENTS.—M., W., F., 8:30-9:30. Mr. Gardner
Prerequisite: Course 1.
- 10b. PROBLEMS OF NATIONAL ADMINISTRATION.—*Second semester.* Tu., Th., 9:30-10:30. Mr. Gardner
Prerequisite: Course 1. Others by permission.
- 11b. MUNICIPAL ADMINISTRATION.—*Second semester.* M., W., F., 8:30-9:30. Mr. Lowrie
- 13b. RECENT POLITICAL THEORY.—*Second semester.* Tu., Th., 1:00-2:00. Mr. Gardner
Prerequisite: Course 3a
- 17a. ADVANCED AMERICAN GOVERNMENT.—M., W., F., 8:30-9:30. Mr. Gardner

25. SEMINAR.—M., 4:00-6:00. Mr. Lowrie
To be taken only with permission of instructor.

EVENING COURSE

235. AMERICAN GOVERNMENT.—M., 7:30-9:30. Mr. Gardner

PSYCHOLOGY

PROFESSOR BREESE; ASSISTANT PROFESSOR TALBERT; INSTRUCTOR
DISERENS

For Undergraduates

- 1a. INTRODUCTORY PSYCHOLOGY.—*First semester*, M., W., F., 10:30-11:30. Mr. Breese
1b. A continuation of 1a.—*Second semester*, M., W., F., 10:30-11:30. Mr. Breese

For Undergraduates and Graduates

- 2a. EXPERIMENTAL PSYCHOLOGY.—*First semester*, M., W., F., 2:00-4:30. Mr. Diserens
2b. A continuation of 2a.—*Second semester*, M., W., F., 2:00-4:30. Mr. Diserens
9. MENTAL AND PHYSICAL TESTS.—Two credits a semester. Tu., 3:00-5:00. Mr. Breese
20a. PSYCHOLOGY OF PRIMITIVE PEOPLES.—*First semester*, Th., 4:00-6:00. Mr. Talbert
20b. PSYCHOLOGY OF PRIMITIVE PEOPLES.—*Second semester*, Th., 4:00-6:00. Mr. Talbert
32a. INTRODUCTORY SOCIAL PSYCHOLOGY.—*First semester*, Tu., Th., 10:30-11:30. Mr. Talbert
Prerequisite: Introductory Psychology and Social Science 1
32b. PROBLEMS OF SOCIAL PSYCHOLOGY.—*Second semester*, Tu., Th., 10:30-11:30. Mr. Talbert
Prerequisite: Introductory Psychology and Social Science 1
34a. APPLIED PSYCHOLOGY.—*First semester*, Tu., Th., 1:00-2:00. Mr. Diserens
34b. APPLICATIONS OF PSYCHOLOGY IN SPECIAL FIELDS.—*Second semester*, Tu., Th., 1:00-2:00. Mr. Diserens

Primarily for Graduates

3. RESEARCH. Mr. Breese
4. SEMINAR.—Th., 3:00-5:00. Mr. Breese

EVENING COURSES

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| 230. INTRODUCTORY PSYCHOLOGY.—Tu., 7:30-9:30. | Mr. Breese |
| 232. SOCIAL PSYCHOLOGY.—M., 5:00-7:00. | Mr. Talbert |
| 234. APPLIED PSYCHOLOGY.—Th., 7:30-9:30. | Mr. Diserens |

ROMANCE LANGUAGES

PROFESSOR OGDEN*; ASSISTANT PROFESSORS HUBERT, BROWN, JELLESON†;
INSTRUCTORS KINNE, SEAMANS; ASSISTANT FRY

FRENCH

For Undergraduates

1. ELEMENTARY FRENCH.—

Sec. I: M., W., F., 8:30-9:30	Miss Fry
Sec. II: M., W., F., 8:30-9:30	Mr. Kinne
Sec. III: Tu., Th., S., 11:30-12:30	Mr. Kinne
Sec. IV: Tu., Th., S., 11:30-12:30	Mr. Seamans
Sec. V: Tu., Th., S., 10:30-11:30	Mr. Seamans

Course 1 is open to students who have had no preparation in French.
2. INTERMEDIATE FRENCH.—

Sec. I: M., W., F., 9:30-10:30	Mr. Seamans
Sec. II: M., W., F., 9:30-10:30	Miss Fry
Sec. III: Tu., Th., S., 9:30-10:30	Mr. Kinne
Sec. IV: Tu., Th., S., 9:30-10:30	Mr. Seamans

Prerequisite: Course 1 or two years of high school French
11. FRENCH LITERATURE IN THE NINETEENTH CENTURY.—M., W., F., 10:30-11:30. Mr. Jelleson
Prerequisite: Course 2 or four years of high school French
3. FRENCH COMPOSITION.—Tu., Th., 10:30-11:30.

Sec. I.	Mr. Hubert
Sec. II.	Mr. Jelleson

Prerequisite: Course 2 or three years of high school French
20. FRENCH SCIENTIFIC PROSE.—M., W., 11:30-12:30. Mr. Seamans
For pre-medical students primarily.

For Undergraduates and Graduates

4. FRENCH DRAMA IN THE SEVENTEENTH CENTURY.—Tu., Th., 9:30-10:30. Mr. Hubert
Prerequisite: Course 11

*Absent on leave, 1921-1922

†Absent on leave, *second semester*, 1921-1922

5. FRENCH DRAMA IN THE NINETEENTH CENTURY.—M., W., 11:30-12:30. Mr. Kinne
Prerequisite: Three years of high school preparation or its equivalent.
12. OLD FRENCH READING.—M., W., 2:00-3:00. Mr. Hubert
Prerequisite: Course 4 or its equivalent
24. NINETEENTH CENTURY POETS.—Tu., 4:00-6:00. Mr. Brown
Prerequisite: Course 4 or 11

For Teachers

24. Course 24, outlined above, is open by permission to teachers as well as to regular students.

Teachers who are pursuing graduate studies and are qualified to do advanced work in the romance languages may elect courses from the above upon advice from the head of the department, with an arrangement for additional work.

EVENING COURSES

233. ELEMENTARY FRENCH.—Tu., 7:30-9:30. Miss Fry
235. INTERMEDIATE FRENCH.—M., 7:30-9:30. Mr. Seamans

SPANISH

For Undergraduates

6. ELEMENTARY SPANISH.—
Sec. I: M., W., F., 9:30-10:30 Mr. Jelleson
Sec. II: Tu., Th., S., 11:30-12:30 Mr. Brown
Sec. III: M., W., F., 9:30-10:30 Mr. Kinne
Sec. IV: Tu., Th., S., 11:30-12:30 Mr. Kinne
10. INTERMEDIATE PROSE.—M., W., F., 1:00-2:00. Mr. Jelleson
18. SPANISH COMPOSITION.—Tu., Th., 1:00-2:00. Mr. Jelleson
Only by permission of the instructor.
Prerequisite: Two years of college Spanish or its equivalent

For Undergraduates and Graduates

8. CERVANTES (*Don Quixote*) AND CALDERON.—Th., 4:00-6:00. Mr. Brown
28. CONTEMPORARY SPANISH LITERATURE.—Two hours weekly.
Spain and Latin America. Mr. Brown
Prerequisite: Three years of college Spanish

EVENING COURSES

232. ELEMENTARY SPANISH.—F., 7:30-9:30. Mr. Kinne
234. INTERMEDIATE SPANISH.—W., 7:30-9:30. Mr. Brown
236. ADVANCED SPANISH.—W., 7:30-9:30. Mr. Jelleson

ITALIAN

For Undergraduates

7. ELEMENTARY ITALIAN.—M., W., F., 8:30-9:30. Mr. Hubert

For Undergraduates and Graduates

19. ITALIAN RENAISSANCE.—Two hours weekly. Mr. Hubert
Dante: *Vita Nuova*; *Divina Commedia*; Petrarch: *Canzoniere*.

SOCIAL SCIENCE

PROFESSOR EUBANK

Each course is complete in itself during the semester in which it is offered.

For Undergraduates

- 1a. INTRODUCTION TO THE STUDY OF SOCIETY.—*First semester*, M., W., F., 9:30-10:30. Mr. Eubank

- 2b. A continuation of 1a.—*Second semester*, M., W., F., 9:30-10:30. Mr. Eubank

Courses 1a and 2b are for Sophomores, but are open to advanced students. They are not open to Freshmen.

For Undergraduates and Graduates

Courses 1a and 2b are prerequisite to the following courses. They are not open to Sophomores, but advanced students who are at the same time enrolled in courses 1a and 2b will be admitted.

- 7a. THE FAMILY.—*First semester*, Tu., Th., 9:30-10:30. Mr. Eubank

- 8b. THE COMMUNITY.—*Second semester*, Tu., Th., 9:30-10:30. Mr. Eubank

- 9a. DEPENDENCY AND ITS SOCIAL TREATMENT.—*First semester*, M., W., F., 10:30-11:30. Mr. Eubank

- 10b. DELINQUENCY AND ITS SOCIAL TREATMENT.—*Second semester*, M., W., F., 10:30-11:30. Mr. Eubank

Primarily for Graduates

Open to Seniors only by special arrangement with the instructor.

- 51a. SEMINAR.—Tu., 3:00-5:00. Mr. Eubank

- 52b. SEMINAR.—*Second semester*, M., 3:00-5:00. Mr. Eubank

EVENING COURSES

- 201a. INTRODUCTION TO THE STUDY OF SOCIETY.—Tu., 7:30-9:30. Mr. Eubank

- 202b. A continuation of 201a.—Tu., 7:30-9:30. Mr. Eubank

Students expecting to major in Social Science should, if possible, arrange their work to include by way of preparation the following introductory courses from other departments: Economics 1; History 1; Philosophy 1a; Political Science 1; Psychology 1; Zoology 1 and 2.

Attention is also called to the following advanced courses offered by other departments which should, so far as possible, be elected by students majoring in Social Science: Psychology of Primitive Peoples (Psych. 20), Social Psychology (Psych. 32), (Social) Ethics (Phil. 5a), Thought Movements of History (Phil. 11), Modern Philosophy (Phil. 24), Development of Economic Institutions (Econ. 13), Labor (Econ. 16b), Socialism (Econ. 17a), Municipal Government (Pol. Sci. 11a), Municipal Administration (Pol. Sci. 11b), The Social Teachings of Jesus (Bib. Lit. 14).

ZOOLOGY

PROFESSOR WIEMAN; ASSISTANT PROFESSORS DAY, BOX

In the advanced courses training in physics and chemistry, as well as ability to read French and German, is expected. Special facilities are afforded students pursuing courses of research.

Students who desire to be recommended as teachers of zoology in secondary schools must complete as a minimum Courses 1, 2, 5, 13b, 14b, 17b, 18b, 19a, and 20a. It is very desirable that they also do at least one year of graduate work.

For Undergraduates

1. ANIMAL BIOLOGY.—M., W., F., 9:30-10:30. Mr. Wieman
This course must be accompanied by Course 2.
2. ANIMAL BIOLOGY, LABORATORY.—
Sec. I: M., W., 1:00-4:00
Sec. II: Tu., Th., 1:00-4:00
Sec. III: Tu., Th., 8:30-11:30 Miss Box
- 5a. EVOLUTION AND HEREDITY.—*First semester*, M., W., 11:30-12:30.
Prerequisite: Courses 1 and 2 Mr. Wieman
- 13a. ELEMENTARY PHYSIOLOGY.—*First semester*, Tu., Th., 8:30-9:30.
This course must be accompanied by Course 14b. Mr. Day
Prerequisite: Zoology 1, 2; or Chemistry 1a, 2a, 3b, 4b
- 14a. ELEMENTARY PHYSIOLOGY, LABORATORY.—*First semester*, Tu., Th.,
1:00-4:00. Mr. Day
- 8b. EXPERIMENTAL ZOOLOGY.—*Second semester*, M., W., 8:30-9:30; one
laboratory period. Three credits.
Prerequisite: Courses 1, 2 Mr. Day

- 17a. COMPARATIVE ANATOMY OF VERTEBRATES.—*First semester*, M., W., 10:30-11:30. Mr. Day
This course must be accompanied by Course 18b.
Prerequisite: Courses 1, 2
- 18a. COMPARATIVE ANATOMY OF VERTEBRATES, LABORATORY.—*First semester*, M., W., 1:00-4:00. Mr. Day
- 19b. EMBRYOLOGY OF VERTEBRATES.—*Second semester*.
Sec. I: M., W., 10:30-11:30 Mr. Wieman
Sec. II: Tu., Th., 1:00-2:00 Mr. Day
This course must be accompanied by Course 20a
Prerequisite: Courses 1 and 2, or 13b and 14b
- 20b. EMBRYOLOGY OF VERTEBRATES, LABORATORY.—*Second semester*,
Sec. I: Tu., Th., 2:00-5:00 Mr. Day
Sec. II: M., W., 1:00-4:00 Mr. Day
Sec. III: Tu., Th., 8:30-11:30. Mr. Day
Laboratory work to accompany Course 19a.

For Undergraduates and Graduates

- 10a. MICROSCOPICAL TECHNIQUE.—Two or three credits. *First semester*, Tu., Th., 8:30-11:30. Mr. Wieman
Prerequisite: Courses 1, 2
- 10b. CYTOLOGY.—Four credits. *Second semester*, lec., M., W., 11:30-12:30, lab., Tu., Th., 8:30-11:30 Mr. Wieman
Prerequisite: Course 10a
29. ADVANCED ZOOLOGY.—Two or three credits. Mr. Wieman, Mr. Day

Primarily for Graduates

31. RESEARCH.—Credit according to number of hours elected. Mr. Wieman
32. SEMINARY.—One credit. W., 4:00. Mr. Wieman

EXTENSION COURSES

SUMMER

June 27—August 5, 1921

BOTANY

310. THE FLORA OF CINCINNATI AND VICINITY. Mr. Wilson

ENGLISH

315. VICTORIAN POETRY. Mr. Byers
330. ENGLISH COMPOSITION AND LITERATURE. Mr. Byers

PHILOSOPHY

375. ETHICS. Mr. Crowley
376. MENTAL TESTS. Mr. Crowley

PSYCHOLOGY

306. PROBLEMS OF SOCIAL BEHAVIOR. Mr. Talbert
308. PSYCHOLOGY OF NATIONALISM. Mr. Talbert

WINTER

October 10, 1921; May 5, 1922

BOTANY

300. WILD FLOWERS OF THE CINCINNATI REGION. Mr. Benedict

ENGLISH

300. MOVEMENTS IN EUROPEAN FICTION. Mr. Stevens
301. THEORY OF DRAMA AND PLAY CONSTRUCTION. Mr. Straus

HISTORY

320. BEGINNINGS OF THE OHIO VALLEY. Mr. Bond

HYGIENE AND PHYSICAL EDUCATION

300. CHILD CARE AND TRAINING. Mr. Morrison

PHILOSOPHY AND POLITICAL SCIENCE

350. INTERNATIONAL RELATIONS. Mr. Tawney and Mr. Lowrie

PSYCHOLOGY

370. THE IMMIGRANT AND THE NATION. Mr. Talbert

COLLEGE FOR TEACHERS

ADMINISTRATIVE OFFICERS

FREDERICK CHARLES HICKS, PH.D.....	President of the University Office, 10 McMicken Hall
WILLIAM PAXTON BURRIS, A.M., L.H.D....	Dean of the College for Teachers Office, 17 McMicken Hall
JOSEPHINE SIMRALL, B.S.....	Dean of Women Office, Woman's Building
JERMAIN G. PORTER, PH.D.....	Director of the Observatory Office, The Observatory, Mt. Lookout
ALFRED LAWRENCE HALL-QUEST, A.M.....	Director of School Affiliation Office, 17 McMicken Hall
ERNEST LYNN TALBERT, PH.D.....	Director of Admissions and Supervisor Office, 2 McMicken Hall of the Evening Academic Courses
WHITELAW REID MORRISON, A.M., M.D.....	Director of the Gymnasium Office, Gymnasium Building
DANIEL LAURENCE, B.S..	Secretary and Business Manager of the University Office, 4 McMicken Hall
CHARLES ALBERT READ, A.B.....	Librarian of the University Office, Van Wormer Library Building
LELIA G. HARTMAN, B.L.....	Registrar Office, 7 McMicken Hall
JEANNETTE BUTLER, A.B.....	Secretary to the Dean Office, 17 McMicken Hall

ORGANIZATION

The College for Teachers is organized under the joint management of the Board of Directors of the University and the Board of Education of the city of Cincinnati.

The general oversight of the college is in charge of a Joint Committee consisting of the President of the University, a member of the Board of Directors, the Superintendent of Schools, and a member of the Board of Education.

JOINT COMMITTEE

FREDERICK CHARLES HICKS, PH.D.	President of the University
ERWIN O. STRAEHLEY, M.D.	Member of the Board of Directors of the University
RANDALL JUDSON CONDON, A.M., LL.D.	Superintendent of Cincinnati Schools
SAMUEL ACH.	Member of the Board of Education

FACULTY AND STAFF OF INSTRUCTION

FREDERICK CHARLES HICKS, PH.D.	President of the University
RANDALL JUDSON CONDON, A.M., LL.D.	Superintendent of Cincinnati Schools
WILLIAM PAXTON BURRIS, A.M., L.H.D.	Professor of Education and Dean of the College for Teachers
ALFRED LAWRENCE HALL-QUEST, A.M.	Professor of Education
*FRANK K. SECHRIST, PH.D.	Professor of Education
DAVID JAMES MACDONALD, A.M.	Professor of Vocational Education
MARY ALMA SMITH, B.S.	Professor of Home Economics
BURTIS BURR BREESE, PH.D.	Professor of Psychology
NEVIN M. FENNEMAN, PH.D.	Professor of Geology and Geography
GUY ALLAN TAWNEY, PH.D.	Professor of Philosophy
HARRIS MILLER BENEDICT, PH.D.	Professor of Botany
SELDEN GALE LOWRIE, PH.D.	Professor of Political Science
WHITELAW REID MORRISON, A.M., M.D.	Professor of Hygiene and Physical Education
CLARENCE ORAN GARDNER, PH.D.	Associate Professor of Political Science
WALTER H. BUCHER, PH.D.	Associate Professor of Geology
FRANCES JENKINS, B.S.	Assistant Professor of Education
L. A. FLAGLER, A.B.	Assistant Professor of Vocational Education
SYLVIA SICHA, A.B.	Assistant Professor of Vocational Education
WILLIAM A. CROWLEY, PH.D.	Assistant Professor of Philosophy
ANNA C. WILSON, B.S., A.M.	Assistant Professor of Home Economics
EDGAR F. VAN BUSKIRK, A.M.	Lecturer on Hygiene
ALLIE HINES, A.B.	Supervisor
GRACE ANNA FRY, B.S.	Supervisor
BOYD CHAMBERS, A.B.	Director of Athletics
GRACE M. BOSWELL, M.D.	Medical Examiner for Women

*Deceased December 8, 1921

LAWRENCE B. CHENOWETH, M.D.	Medical Examiner for Men
MARJORIE HILLAS, A.M.	Instructor in Physical Education
OLIVER MUMFORD NIKOLOFF, A.B.	Instructor in Physical Education
DOROTHY DUKE, B.S.	Instructor in Physical Education
GEORGE E. DAVIS, A.M.	Instructor in Mathematics
CLARE G. SHARKEY	Sub-Director of Vocational Education
E. LUCY BRAUN, PH.D.	Instructor in Botany
PHOEBE M. KANDEL, R.N.	Instructor in Nursing and Health
ROBERT EDWARD HUNDLEY, B.M.E.	Instructor in Mathematics
FREDERICK M. HOLDER	Trade Drawing
CLAYTON M. HOWE, A.B.	Trade Science
CLARENCE R. WALKER, B.S.	Trade Mathematics
EDGAR P. BENGERT, A.M.	Trade English
HELEN WEITKAMP, B.S.	Instructor in Foods and Dietetics

Cooperating Teachers in the Cincinnati Public Schools (1921-22):

ALICE BETTS	Botany, East Side High School
BERTHA EVANS WARD	English, Hughes High School
ERNA KRUCKEMEYER	English, Hughes High School
MARGARET MCLEOD	Spanish, Woodward High School
ETHEL L. OUTCALT	History, Walnut Hills High School
EDYTHE STEINKAMP	Bloom Junior High School
ANNA MARTIN	Fairview School
PEARL WRIGHT	Hoffman School
NELLIE MARSH	Rothenberg School
EDITH REILLY	Raschig School
*MRS. LAURA KNIGHT	Stowe School
†MRS. LOUISE MINNES	Stowe School

Members of the Staff of the Cincinnati Kindergarten Training School:

LILLIAN H. STONE	Principal
MATILDA M. REMY	Associate Principal
FRANCES A. LEVOY	Instructor
MRS. W. E. LEWIS	Physical Training
GLADYS SELLEW	Instructor in Physical Training
JOHN JEROME THOMPSON	Art

*To February 1, 1922

†From February 1, 1922

PROGRAMS OFFERED

PROGRAM I.—*Leading to a Graduate Diploma in Education, and to both Elementary and High School State Provisional Certificates.*

All students who complete this program in a satisfactory manner will be eligible to the preferred list from which appointments to positions in the elementary schools of Cincinnati are made; those who are exceptionally well qualified for teaching in high schools will be eligible to the preferred list from which appointments to positions in the high schools of Cincinnati are made.

This program may be completed in a single year by graduates of the McMicken College of Liberal Arts, or of other recognized colleges, provided such graduates have included the equivalent of the following courses in their undergraduate studies:

Psychology 1a and 1b, or Psychology 11a and 11b

Philosophy 5a and 5b

Political Science 8

Education 1, 2a, 2b, 4a and 4b

Required Work:

Education 3p

Education 5

Approved electives

Students pursuing this program will receive pay for student-teaching on the basis of the amount of teaching assigned. The maximum assignment will be half-time throughout the year, for which the pay will be \$600.

Upon completion of this program in a satisfactory manner a graduate, if accepted for appointment to a regular position in the Cincinnati elementary schools, will receive an initial salary of \$1300, with an annual increase of \$100 until a maximum of \$2000 is reached; if accepted for appointment to a regular position in the Cincinnati high school service, the initial salary will be \$1500, with an annual increase of \$100 until a maximum of \$2800 is reached.

PROGRAM II.—*For students who are planning to be Teachers of Hygiene and Physical Education.*

This program leads to the degree of Bachelor of Science in the College for Teachers, to a State Provisional Special Certificate in Physical Education, and to the Preferred List from which teachers of physical education in the schools of Cincinnati are appointed.

FIRST YEAR		THIRD YEAR	
<i>Subjects</i>	<i>Credit Hours</i>	<i>Subjects</i>	<i>Credit Hours</i>
English 1.....	6	Education.....	6
Modern Language.....	6	Physical Education.....	23
Zoology, Chem., or Botany..	10	English.....	4
History.....	6		
Hygiene and Phys. Ed.....	4		
	—		—
TOTAL.....	32	TOTAL.....	33
SECOND YEAR		FOURTH YEAR	
English.....	4	Physical Education.....	22
Modern Language.....	6	Practice Teaching.....	6
Psychology.....	6	Electives.....	4
Social Science.....	6		
Hist., Econ., or Pol. Science,	6		
Hygiene and Phys. Ed.....	4		
	—		—
TOTAL.....	32	TOTAL.....	32

PROGRAM III.—*For students who are planning to be Dietitians or Teachers of Home Economics.*

This program leads to the B.S. degree in the College for Teachers, to a State Provisional Special Certificate, and to a Preferred List from which Home Economics teachers for the Cincinnati schools are appointed.

FIRST YEAR		THIRD YEAR	
<i>Subjects</i>	<i>Credit Hours</i>	<i>Subjects</i>	<i>Credit Hours</i>
English.....	6	Home Economics.....	22
Chemistry.....	10	Education.....	6
Hygiene and Gymnasium...	2	Hygiene and Gymnasium...	2
Home Economics.....	9		
Language.....	4		
	—		—
TOTAL.....	31	TOTAL.....	30
SECOND YEAR		FOURTH YEAR	
Chemistry.....	9	Home Economics.....	19
Zoology.....	4	Education.....	6
Botany.....	4	Civics.....	6
Economics.....	6		
Home Economics.....	12		
	—		—
TOTAL.....	35	TOTAL.....	31

PROGRAMS IV, V

SEP 25 1924

PROGRAM IV.—*For students who are planning to be Kindergarten Directors.*

This program leads to the B.S. degree in the College for Teachers, to a State Provisional Special Certificate, and to the Preferred List from which Kindergarten directors for the Cincinnati schools are appointed.

FIRST YEAR		SECOND YEAR	
<i>Subjects</i>	<i>Credit Hours</i>	<i>Subjects</i>	<i>Credit Hours</i>
English 1 and 3, 9 or 25....	10	English.....	4
Foreign Language.....	6	Foreign Language.....	6
Mathematics.....	6	Science.....	10
History.....	6	History.....	6
Hygiene and Gymnasium...	2	Psychology.....	6
	—	Hygiene and Gymnasium...	2
TOTAL.....	30	TOTAL.....	34

THIRD AND FOURTH YEARS

<i>Subjects</i>	<i>Credit Hours</i>
Kindergarten Courses.....	21
Observation and Practice....	15
Education.....	12
Electives.....	12
	—
TOTAL.....	60

PROGRAM V—*For students who are planning to be Institutional Managers.*

This program leads to a Diploma in the College for Teachers.

Those inexperienced in home or institutional management must be at least twenty-five years of age. They must be graduates of accredited high schools, or satisfy the Committee on Admission that an equal amount of work has been covered. They must have a fundamental knowledge of cooking. If not adequately prepared, they must take a non-credit course in cookery during the first semester in the University.

FIRST YEAR		SECOND YEAR	
<i>Subjects</i>	<i>Credit Hours</i>	<i>Subjects</i>	<i>Credit Hours</i>
English.....	6	Economics.....	6
Hygiene and Phys. Ed.....	2	Psychology.....	6
Accounting.....	3	Zoology.....	5
Home Economics.....	19	Home Economics.....	16
	—		—
TOTAL.....	30	TOTAL.....	33

PROGRAM VI.—*For experienced persons in trades and industries who are planning to be Teachers of Trades.*

This program leads to a State Provisional Special Certificate valid for four years, to teach specified trades.

Before entering upon this program, tradesmen must have had at least two years of experience beyond the apprentice stage in a given trade or a related trade, and they must have completed an elementary school course or its equivalent.

FIRST YEAR		SECOND YEAR	
<i>Subjects</i>	<i>Credit Hours</i>	<i>Subjects</i>	<i>Credit Hours</i>
Trade English	2	Trade Analysis and Theory of Teaching Trades with Observation	3
Trade Mathematics	2	Trade Practice Teaching . . .	4
Trade Drawing	2	Theory and Administration of Voc. Ed.	1
Trade Science	2		
<hr/>		<hr/>	
TOTAL	8	TOTAL	8

PROGRAM VII.—*For persons planning to be teachers of subjects applied in the trades and industries, for example, Trade Mathematics, Trade Science, and Trade Drafting.*

This program leads to a State Provisional Special Certificate, valid for four years, to teach specified subjects.

The content of this program will vary with the candidate's qualifications.

For admission to this program, one of the following requirements must be met: (a) completion of at least two years of an approved technical college course with one year of practical trade experience; (b) graduation from an engineering college with one year of practical industrial experience; (c) graduation from an approved high school course, three years of successful trade experience, and a special recommendation from the local director of teacher training; (d) successful high school teaching experience and one year of practical industrial experience; or, (e) successful experience as a manual training teacher and one year of practical trade experience.

FIRST YEAR		SECOND YEAR	
<i>Subjects</i>	<i>Credit Hours</i>	<i>Subjects</i>	<i>Credit Hours</i>
Vocational Ed. Movement . .	2	Theory, Observation, and Practice Teaching	7
Review of Trade Mathematics	2	Shop Class Management	1
Review of Trade Science . . .	2		
Review of Trade Drawing . .	1		
Trade and Job Analysis . . .	1		
<hr/>		<hr/>	
TOTAL	8	TOTAL	8

PROGRAM VIII.—*For persons who are planning to be Teachers of Retail Selling Courses.*

This program leads to a State Provisional Special Certificate, valid for four years, to teach retail selling subjects.

For admission to this program, one of the following requirements must be met: (a) graduation from an approved college or a four-year normal school course; (b) completion of three years of approved collegiate work; (c) completion of work required for a teacher's state certificate and two years of successful teaching experience.

NOTE: At least two months' preliminary salesmanship experience in a retail store is required in all cases.

FIRST SEMESTER		SECOND SEMESTER	
<i>Subjects</i>	<i>Credit Hours</i>	<i>Subjects</i>	<i>Credit Hours</i>
Retail Salesmanship.....	4	Store Organization and Sys-	
H. E. 23-A Textiles.....	3	tem.....	4
Economics of Retailing.....	4	Textile Chemistry and Non-	
Education 103.....	2	Tex.....	3
		Education 103.....	2
		Observation and Practice	
		Teaching.....	4
TOTAL.....	13	TOTAL.....	13

PROGRAM IX.—*For foremen who wish to qualify as Shop Instructors in industrial plants.*

NOTE: Until this type of work is standardized, it is impossible to state the exact number of credit hours per subject. The distribution will be approximately as follows:

<i>Subjects</i>	<i>Credit Hours</i>
Job Analysis.....	1
Principles and Practice of Instruction.....	1
Managing Men.....	1
Trade Mathematics and Drawing.....	1
TOTAL.....	4

PROGRAM X.—*For industrial executives who wish to qualify as Leaders of Foremanship Classes.*

NOTE: This course is not yet sufficiently standardized to make possible even an approximate distribution of credit hours. It consists of the following units:

Subjects

Analyzing and Charting the Foreman's Job
 Determining Content of Foreman Courses
 How to Organize and Present Subject-matter
 How to Organize and Conduct Foremanship Classes

OTHER PROGRAMS

For those fitting themselves for positions as instructors in education, supervisors, critic teachers, or administrators in educational positions requiring experience and advanced study. To meet the needs of this class of students appropriate opportunity is given in advanced courses in education, including seminar work, such courses counting in partial fulfillment of the requirements for the higher degrees conferred upon recommendation of the faculty of the Graduate School.

Graduates of the Cincinnati Kindergarten Training School and students who have completed Program IV may qualify for a State Kindergarten-Primary Certificate upon completion of the following courses or their equivalent:

<i>Subjects</i>	<i>Credit Hours</i>
Education 19.....	2
Kindergarten 14.....	2
Observation and Practice Teaching in Grades 1 and 2.....	3
Course in Theory of Play (Kdgn. 3) or its equivalent.....	1
	<hr/>
TOTAL.....	8

COURSES FOR TEACHERS IN SERVICE

Special courses are offered to teachers in Cincinnati and vicinity and are given on Saturdays and at hours during the week which do not conflict with the duties of the classroom. Many of these courses are taken by teachers in the Cincinnati Public Schools for "Professional Credit," and a special announcement of such courses is prepared from year to year for the convenience of teachers in planning their work.

These courses are listed in two groups—Group I consists of courses given by the University; Group II consists of courses given by the Public School staff or by persons connected with other institutions in the city. The rules governing credit for courses in each of the two groups are indicated below:

GROUP I

(University Credit Courses)

PROFESSIONAL CREDIT.—Properly qualified teachers may enroll in any of the University courses and receive "Professional Credit" in the office of the Superintendent of the Cincinnati Schools, as follows:

One credit for regular attendance and a satisfactory mark given by the instructor, based upon a well-kept notebook containing the teacher's notes on the course.

Two credits for regular attendance, a well-kept notebook, and a passing mark obtained in the instructor's examinations upon the course.

No credit will be allowed for attendance only, and no teacher can obtain more than two professional credits in any one year.

UNIVERSITY CREDIT.—Such credit to the amount indicated in the University catalogue will be allowed for satisfactory completion of any of the courses scheduled.

GROUP II

(Given by Members of the Public School Staff and Others)

PROFESSIONAL CREDIT.—Teachers enrolled in any of these courses will receive "Professional Credit" in the office of the Superintendent of the Cincinnati Schools, as follows:

One credit for regular attendance and a satisfactory mark given by the instructor, based upon a well-kept notebook containing the teacher's notes on the course.

Two credits for regular attendance, a well-kept notebook, and a passing mark obtained in the instructor's examinations upon the course.

No credit will be allowed for attendance only, and no teacher can obtain more than two professional credits in any one year.

LENGTH OF COURSE.—The course scheduled in this group must provide for at least twenty-four hours of class attendance. A half course must provide for at least twelve hours of class attendance. The amount of "Professional Credit" to be allowed, under conditions specified above, will be calculated on this basis.

UNIVERSITY CREDIT.—The University does not grant credit towards any of its degrees or diplomas for any of the courses scheduled in this group.

CONFERENCES

Several conferences, individual and with groups, are conducted by members of the staff throughout the year for the purpose of assisting teachers in the city schools.

APPOINTMENT COMMITTEE

The Appointment Committee offers its services, without charge, to students seeking appointment to educational positions for which they are properly qualified. The Dean of the college, as chairman, is assisted by other members of the faculty who are familiar with the students' work.

COURSES OF INSTRUCTION

The following is the list of courses offered for the year 1921-1922. Certain of these courses are required of candidates for the first or preferred list of persons eligible to appointment in the Cincinnati schools. Others are intended to meet the needs of advanced students of education, as well as of teachers of experience. Courses which are prerequisite to the pursuit of the various professional programs for teachers are also included in this Announcement, but with this exception only those which are primarily professional in character will be found here. All courses given in the University, many of which are semi-professional in character, are open to properly qualified students in the College for Teachers. (See the Announcement of the McMicken College of Liberal Arts.)

EDUCATION AND TEACHING

PROFESSORS BURRIS, HALL-QUEST, SECHRIST*; ASSISTANT PROFESSOR JENKINS.

- ED. 1. EUROPEAN BACKGROUND AND PUBLIC EDUCATION IN THE UNITED STATES.—Open to Juniors. Required of all students who are preparing to teach. M., W., F., 9:30-10-30. Mr. Burris
- ED. 2a. TEACHING IN ELEMENTARY SCHOOLS.—Open to Seniors. Required of all students who are preparing to teach in regular positions in elementary schools. *First semester.* M., W., 8:30-9:30, and one hour observation a week, to be arranged. Miss Jenkins
- ED. 2b. TEACHING IN HIGH SCHOOLS.—Open to Seniors. Required of all students who are preparing to teach in regular positions in high schools. *Second semester.* M., W., 8:30-9:30, and one hour observation a week, to be arranged. Mr. Hall-Quest
- ED. 3p. STUDENT-TEACHING.—Part-time teaching for a year under the systematic supervision of cooperating teachers in accordance with one of the following plans:
- (a) Two student-teachers on half-time, carrying a high school assignment of six periods a day
 - (b) A student-teacher carrying a part-time high school assignment of one to three periods a day
 - (c) Two student-teachers on half-time, carrying a full daily program of an elementary grade
 - (d) Two pairs of student-teachers on half-time assignments, carrying the full daily programs of two rooms in the elementary schools

*To December 8, 1921

- ED. 4a. EDUCATIONAL PSYCHOLOGY.—Open to Seniors. *First semester*, M., W., F., 10:30-11:30. Mr. Sechrist* and Mr. Hall-Quest
- ED. 4b. PSYCHOLOGY OF SCHOOL MANAGEMENT.—Open to Seniors. *Second semester*, M., W., F., 10:30-11:30. Miss Jenkins
- ED. 5. PRACTICUM.—Open to student-teachers. Tu., Th., 4:00-5:30
 Group I: For student-teachers in lower grades. Miss Jenkins
 Group II: For student-teachers in upper grades.
 Mr. Sechrist* and Miss Jenkins
 Group III: For student-teachers in high school grades. This group will meet with Ed. 103 on Tuesdays. Mr. Hall-Quest
- ED. 19. THE TEACHING OF ENGLISH.—Open to teachers in the elementary grades. W., 4:00-5:00. Miss Jenkins
- ED. 23. EDUCATIONAL PSYCHOLOGY.—A course similar to Education 4a and open to teachers in service as well as students pursuing various professional programs. S., 9:00-10:30.
 Mr. Sechrist* and Mr. Burris
- ED. 27. SPECIAL PROBLEMS IN TEACHING.—S., 10:30-12:00.
 Miss Jenkins
 Prerequisite: Education 19, or the equivalent

For Graduates

- ED. 101. STUDIES IN HISTORY AND PHILOSOPHY OF EDUCATION.
 1921-22. Locke and Rousseau. Th., 4:00-5:30. Mr. Burris
- ED. 103a. SECONDARY EDUCATION.—Tu., 4:00-6:00. Mr. Hall-Quest
- ED. 103b. EDUCATIONAL VALUES OF VARIOUS STUDIES IN SECONDARY EDUCATION.—Tu., 4:00-6:00. Mr. Hall-Quest
- ED. 104. PROBLEMS OF APPRECIATION IN VARIOUS SCHOOL SUBJECTS.—S., 8:30-10:30. Mr. Hall-Quest
- ED. 112. MEASUREMENT OF RESULTS IN EDUCATION.—S., 10:30-12:00.
 Mr. Burris
- ED. 114. EDUCATIONAL ECONOMY.—*First semester*, W., 4:00-6:00.
 Mr. Sechrist* and Mr. Burris

*To December 8, 1921

COURSES IN LIBERAL ARTS DEPARTMENT

- BOT. 3. PLANT ECOLOGY.—Adaptations of plants to environmental conditions. Lectures on the typical vegetation of climatic zones of the earth, and on the plant societies of the Cincinnati region.
Tu., Th., 1:00-2:00. Mr. Benedict
- BOT. 4. PLANT ECOLOGY LABORATORY.—Laboratory and field work.
Th., 2:00-4:00, with four additional field trips during the year.
Miss Braun
- BOT. 5. SYSTEMATIC BOTANY.—One lecture, with two laboratory or field trips a week, on the recognition and relationship of the local plants.
Miss Braun
- GEOL. AND GEOG. 14. GENERAL GEOLOGY FOR TEACHERS.—Lec., S., 8:30-10:30; field or lab., 10:30-12:30. Mr. Fenneman
- GEOL. AND GEOG. 19. HISTORICAL GEOLOGY.—For teachers who have had Course 14. Lec., S., 8:30-10:30; field or lab., 10:30-12:30.
Mr. Bucher
- HIST. 10. GENERAL COURSE IN AMERICAN HISTORY.
Sec. I: M., W., F., 8:30-9:30.
Sec. II: M., W., F., 2:00-3:00. Mr. Bond
- MATH. 50. HISTORY AND TEACHING OF ELEMENTARY MATHEMATICS.—
W., 4:00-5:00; F., 4:00-6:00. Mr. Davis
For teachers of elementary mathematics.
- PHIL. 5a. ETHICS.—*First semester.*
Sec. I: Tu., Th., S., 10:30-11:30 Mr. Crowley
Sec. II: M., W., F., 10:30-11:30 Mr. Tawney
Sec. III: M., W., F., 1:00-2:00 Mr. Crowley
Prerequisite: Two years of university work
- PHIL. 5b. ETHICAL INTERPRETATIONS.—*Second semester.*
Sec. I: Tu., Th., S., 10:30-11:30 Mr. Crowley
Sec. II: M., W., F., 10:30-11:30 Mr. Tawney
Sec. III: M., W., F., 1:00-2:00 Mr. Crowley
Prerequisite: Course 5a
- PO L.SCI. 8. CIVICS FOR TEACHERS.—For students who intend to teach.
M., W., F., 2:00-3:00. Mr. Lowrie, Mr. Gardner
- PSYCH. 11a. EDUCATIONAL PSYCHOLOGY.—Open to students who are preparing to teach. *First semester.* M., W., F., 3:00-4:00.
Mr. Breese
- PSYCH. 11b.—A continuation of Psychology 11a. *Second semester.* M., W., F., 3:00-4:00.
Mr. Breese

PSYCH. 9. MENTAL AND PHYSICAL TESTS.—Laboratory methods. Two credits a semester. Tu., 3:00:5:00. Mr. Breese

In connection with Course 9, the department maintains a psychological clinic on Tuesday mornings from 9:00 to 12:30. Students in Psychology 9 may by special arrangement observe the work of the clinics.

HOME ECONOMICS

The Department of Home Economics occupies the second and third floors of the Woman's Building of the University, and has splendidly equipped classrooms, laboratories, and offices for conducting its work. Lunchrooms, home economics centers in the Cincinnati public schools, and other institutions of the city provide unsurpassed opportunities for practical work.

Courses are offered in home economics subjects to meet the needs of the following classes of persons:

1. Those who wish to qualify for a state teacher's certificate in home economics as ordinarily taught in public and private schools;
2. Those who are preparing for positions as dietitians in hospitals involving an understanding of the problem of nutrition and the instruction of nurses;
3. Those who are preparing for the management of tea-rooms, lunchrooms, cafeterias, and dormitories;
4. Those who wish to have thorough modern training for home making;
5. Those women students in the University, including those expecting to teach, who wish to elect certain courses in home economics which are indispensable in a well-balanced curriculum for college women.
6. Evening courses in home economics for teachers who wish to take the same for professional credit will be offered, if classes containing not fewer than ten members are organized.

The following courses in home economics are recommended to students in the College of Liberal Arts and in the College for Teachers. These courses are of interest to all women in the University, regardless of whether they expect to teach home economics or not. Students in the College of Liberal Arts who wish to receive credit for any of the following courses in partial fulfillment of the requirements for a degree should make application for permission so to count them to the faculty of that college: H. E. 20a, 23a, 61a, 1b, 2a, 21a, 25a, 40b.

FOODS AND NUTRITION

- H. E. 1b. PRINCIPLES OF COOKERY.—*Second semester.* Three credits.
Lec., Tu., Th., 1:00-2:00; lab., Tu., Th., 2:00-4:00. Fee,
\$10.
- H. E. 2a. ADVANCED PRACTICE.—Continuation of H. E. 1b. Three
credits. *First semester.* Lec., W., F., 1:00-2:00; lab., W.,
F., 2:00-4:00. Fee, \$10. Miss Weitkamp
- H. E. 3b. ADVANCED FOOD STUDY.—Three credits. *Second semester.*
Lec. and lab., Tu., Th., 1:00-4:00. Fee, \$10.
Prerequisite: H. E. 1b, 2a
- H. E. 5a. LARGE QUANTITY COOKERY.—*First semester.* Three credits.
Lec. and lab., Tu., Th., 9:30-10:30. Fee, \$4.
- H. E. 6a. ELEMENTS OF NUTRITION AND DIETETICS.—Four credits.
First semester. Lec., Tu., Th., 1:00-2:00; lab., Tu.,
Th., 2:00-4:00. Fee, \$10.
- H. E. 10a. DIETETICS FOR NURSES.—75 hours. Three credits. *First and
second semesters.*

TEXTILES AND CLOTHING

- H. E. 20a. ELEMENTARY CLOTHING.—Three credits. *First semester.*
Tu., Th., 1:00-4:00. Fee, \$3.
- H. E. 21a. APPLIED DESIGN.—Two credits. *First semester.* Lab., Tu.,
Th., 9:30-11:30. Fee, \$5.
- H. E. 23a. TEXTILES.—Three credits. *First semester.* Lec., M., 1:00;
F., 9:30; lab., M., 2:00-4:00. Fee, \$5.
- H. E. 24b. ELEMENTARY DRESS DESIGN.—Three credits. *Second
semester.* Tu., F. 9:30-12:30. Fee, \$5.
Prerequisite: H. E. 20a
- H. E. 26a. MILLINERY.—Three credits. Tu., Th., 9:30-12:30. Fee, \$5.
Prerequisite: H. E. 20a, 24b, 25a
- H. E. 30b. HISTORY OF COSTUME.—Two credits. *Second semester.*
M., Th., 11:30-12:30.
- H. E. 35. APPLIED DESIGN AND INTERIOR DECORATION.—A continuation
of H. E. 34.

MANAGEMENT

- H. E. 24a. INSTITUTIONAL MANAGEMENT.—Two credits. Lec., M., 1:00-2:00; trips, W., 1:00-3:00.
- H. E. 43b. HOME NURSING AND CARE OF CHILDREN. — Two credits. *Second semester.* Lec., F., 1:00-2:00; lab., F., 2:00-4:00.
- H. E. 44b. PRACTICUM.—Five credits. *Second semester.* Lec. and lab., M., Tu., W., Th., 1:00-4:00; F., 2:00-4:00.
- H. E. 45b. PRACTICUM.—Continuation of 44b. Five credits. *Second semester* of second year for those majoring in institutional management.

HOME ECONOMICS EDUCATION

- H. E. 62a. METHODS OF TEACHING HOME ECONOMICS.—Two credits. *First semester.* Lec., M., W., 11:30-12:30.
- H. E. 62b. METHODS AND OBSERVATION.—Continuation of 62a, including observation of classroom teaching under supervision. Three credits. *Second semester.* Lec., M., W., 11:30-12:30. Observation hour to be arranged.
- H. E. 62p. PRACTICE TEACHING.—*Throughout year.* Three credits a semester. Tu., Th., 8:30-12:00; part time, M., W., 1:00-3:00.

HYGIENE AND PHYSICAL EDUCATION

PROFESSOR MORRISON; INSTRUCTORS NIKOLOFF, HILLAS, DUKE;
LECTURER VAN BUSKIRK; ATHLETIC DIRECTOR CHAMBERS; MEDICAL
ADVISERS, DR. BOSWELL, DR. CHENOWETH

PHYS. ED. 1.—Practical work; two hours a week.

Swimming; one hour a week

(Required of Freshman men.)

Sec. I: Tu., Th., 10:30-11:30

Sec. II: M., W., 11:30-12:30

Sec. III: Tu., Th., 11:30-12:30

Mr. Nikoloff

PHYS. ED. 2.—Practical work; two hours a week.

Swimming; one hour a week.

(Required of Sophomore men.)

Sec. I: M., W., 9:30-10:30

Sec. II: M., W., 10:30-11:30

Sec. III: Tu., Th., 9:30-10:30

Mr. Nikoloff

PHYS. ED. 1.—Practical work; two hours a week.

Swimming; one hour a week.

(Required of Freshman women.)

Sec. I: M., W., 11:30-12:30

Sec. II: Tu., Th., 10:30-11:30

Sec. III: Tu., Th., 2:00-3:00

Sec. IV: M., F., 10:30-11:30

Miss Duke, Miss Hillas

PHYS. ED. 2.—Practical work; two hours a week.

Swimming; one hour a week.

(Required of Sophomore women.)

Sec. I: Tu., Th., 9:30-10:30

Sec. II: Tu., Th., 11:30-12:30

Sec. III: Tu., Th., 1:00-2:00

Miss Duke, Miss Hillas

HYG. 4a. GENERAL HYGIENE.—(Required of Freshman men and women.)

First semester. Two credits.

Sec. I: Th., S., 8:30-9:30

Sec. II: Th., S., 9:30-10:30

Sec. III: M., W., 11:30-12:30 Dr. Morrison, Dr. Chenoweth

HYG. 4b. INDIVIDUAL HYGIENE.—(Required of Freshman men and women.)

Second semester. Two credits.

Sec. I: Th., S., 8:30-9:30

Sec. II: Th., S., 9:30-10:30

Sec. III: M., W., 11:30-12:30 Dr. Morrison, Dr. Chenoweth

PHYS. ED. 9. APPLIED ANATOMY AND KINESIOLOGY.—The structure of the human body with reference to growth, development, and movement. Lectures and demonstrations. M., W., 10:30-11:30.
Dr. Morrison

PHYS. ED. 12. CORRECTIVE EXERCISES.—F., 10:30-11:30. Dr. Morrison

PHYS. ED. 14. ELEMENTARY PRACTICE (women)—Three credits a semester.

Dancing: Tu., Th., S., 9:30-10:30

Athletics: M., Tu., W., Th., 3:00-4:00

Gymnastics: Tu., Th., 10:30-11:30. F., 1:00-2:00

Swimming: S., 10:30-11:30

Miss Hillas

Apparatus: M., W., 1:00-2:00

Mr. Nikoloff

- PHYS. ED. 15. ADVANCED PRACTICE (women).—Three credits a semester.
 Dancing: M., W., S., 9:30-10:30
 Gymnastics: F., 1:00-2:00
 Athletics: M., W., 3:00-4:00
 Swimming: S., 10:30-11:30 Miss Hillas
 Apparatus: M., W., 1:00-2:00 Mr. Nikoloff
- HYG. 40. EDUCATIONAL HYGIENE.—M., F., 8:30-9:30. Dr. Morrison
- PHYS. ED. 41. THE TEACHING OF PHYSICAL EDUCATION.—Two credits.
 Tu., Th., 8:30-9:30 Dr. Morrison
- PHYS. ED. 42. FUNDAMENTALS OF PLAY AND RECREATION. — Tu., 4:00-6:00. Miss Hillas
- PHYS. ED. 45. THEORY OF ATHLETICS.—Fundamentals and methods of teaching athletic games for women. M., W., 11:30-12:30
- HYG. 50b. PROBLEMS OF SEX EDUCATION.—S., 9:00-10:30.
 Mr. Van Buskirk.

EVENING COURSES

- *234. GENERAL AND INDIVIDUAL HYGIENE.—Tu., 5:30-7:30.
 Dr. Chenoweth
- PHYS. TR. A.—For women. Hygienic gymnastics. M., 7:30-9:30.
 Miss Hillas
- PHYS. TR. B.—For men. Hygienic gymnastics. Tu., 7:30-9:30.
 Mr. Nikoloff

KINDERGARTEN TRAINING

MISSES STONE, FRY, REMY, LEVOY, SELLEW, MRS. LEWIS, MESSRS. THOMPSON, AIKEN

The following courses in kindergarten training are given at the Cincinnati Kindergarten Training School. A special announcement giving full information may be had upon application to the Registrar of the school.

For conditions governing college students who are fitting primarily for positions in kindergartens, see Program IV, page 151.

- KGTN. 1. PRACTICAL WORK WITH GIFTS AND OTHER PLAY MATERIALS.
 Miss Stone

*Required of students registered in the evening session who are candidates for a degree in the College of Liberal Arts.

KGTN. 2.	HANDWORK.	Miss LeVoy
KGTN. 3.	RHYTHMS AND DRAMATIC PLAYS, SONGS AND GAMES.	Miss Fry
KGTN. 4.	THEORY.	Miss Stone, Miss Fry
KGTN. 5.	STORIES AND CHILDREN'S LITERATURE.	Miss Remy
KGTN. 6.	PROGRAM CONSTRUCTION.	Miss Bothwell
KGTN. 7.	PROGRAM PLANS.—Juniors and Seniors.	Miss Stone, Miss Fry
KGTN. 8.	OBSERVATION AND PRACTICE TEACHING.	Miss Fry
KGTN. 9.	ORGANIZATION OF MOTHERS' MEETINGS.	Miss Laws, Miss Remy
KGTN. 10.	ART.	Mr. Thompson
KGTN. 11.	MUSIC.	Mr. Aiken and Miss Fry
KGTN. 12.	HYGIENE AND PHYSICAL TRAINING.	Mrs. Lewis, Miss Sellew
KGTN. 13.	PRIMARY METHODS.	Miss Remy
KGTN. 14.	KINDERGARTEN-PRIMARY.	Miss Remy
KGTN. 19.	NATURE STUDY.	Special teachers
KGTN. 20.	AMERICANIZATION AND KINDERGARTEN ESSENTIALS.	Miss Stone

VOCATIONAL EDUCATION

PROFESSOR MACDONALD; ASSISTANT PROFESSORS FLAGLER, SICHA;
INSTRUCTORS HOLDERS, HOWE, SHARKEY, WALKER, BENGERT

In September, 1918, the Department of Vocational Education was established in the College for Teachers. The office of the department is located in Room 11, Hanna Hall. Both day and evening classes are conducted in the following centers: Cincinnati, Hamilton, Middletown, Dayton, and Springfield.

The staff of the department devotes its energies exclusively to preparing teachers of vocational subjects. At present, six types of teachers are being trained, namely:

- a. Vocational teachers in service;
- b. Teachers of shop subjects;

- c. Teachers of subjects related to the trades;
- d. Teachers of retail selling subjects;
- e. Teachers of foremanship classes;
- f. Instructor foremen.

ADMISSION—Admission requirements to the different courses are:

1. For teachers of shop subjects:
 - a. Successful experience of not less than five full years in the trade the candidate wishes to teach;
 - b. Completion of an elementary school course or its equivalent;
 - c. Promise of becoming a successful teacher.
2. For teachers of subjects related to the trades:
 - a. Completion of at least two years of an approved technical college course and at least one full year of practical trade experience;
 - b. Graduation from an approved high school course, and three full years of practical trade experience;
 - c. Successful high school or manual arts teaching experience and the required trade experience.
3. For teachers of retail selling subjects:
 - a. Graduation from an approved college or a four-year normal school course;
 - b. Completion of three years of approved collegiate work;
 - c. Completion of work required for a teacher's state certificate and two years of successful teaching experience;
 - d. The type of personality desirable for teaching.

Note.—At least two months' successful preliminary salesmanship experience in a retail store is required.

COURSES OF INSTRUCTION

- V. E. 1. THE VOCATIONAL EDUCATION MOVEMENT.—Two credits. *One semester.* Mr. MacDonald
- V. E. 2. TEACHING TRADE AND RELATED SUBJECTS.—Two credits. *One semester.* Mr. MacDonald
- V. E. 3. OBSERVATION AND PRACTICE TEACHING.—
Miss Sich, Mr. MacDonald
- V. E. 4. PSYCHOLOGY OF MANUAL WORK.—Two credits. *One semester.* Mr. MacDonald
- V. E. 5. PROBLEMS IN VOCATIONAL EDUCATION.—Two credits. *One semester.* Mr. MacDonald
- V. E. 6. SHOP CLASS MANAGEMENT.—Two credits. *One semester.* Mr. Flagler

- V. E. 7. VOCATIONAL GUIDANCE.—Two credits. *One semester.*
Mr. MacDonald
- V. E. 8. TRADE MATHEMATICS.—Two credits. *One semester.* Mr. Walker
- V. E. 9. TRADE SCIENCE.—Two credits. *One semester.* Mr. Howe
- V. E. 10. TRADE ENGLISH.—Two credits. *One semester.* Mr. Bengert
- V. E. 11. TRADE DRAWING.—Two credits. *One semester.* Mr. Holder
- V. E. 20a. RETAIL SALESMANSHIP.—*Unit I. Unit II.* Four credits.
Miss Sicha
- V. E. 21b. STORE ORGANIZATION AND SYSTEM.—Four credits; Miss Sicha
- V. E. 22a. ECONOMICS OF RETAILING.—Four credits.
- V. E. 23b. TEXTILE CHEMISTRY.—Two credits.
- V. E. 24b. NON-TEXTILES.—One credit. Miss Sicha
- V. E. 25. STORE PRACTICE.

EXTENSION COURSES

SUMMER

June 27—August 5, 1921

SEX EDUCATION

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| 300. | PROBLEMS IN SEX EDUCATION. | Mr. Van Buskirk |
| 301. | MENTAL HYGIENE AND SEX EDUCATION. | Mr. Van Buskirk |
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WINTER

October 10, 1921—May 5, 1922

HYGIENE

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| 302. | PROBLEMS OF SEX EDUCATION. | Mr. Van Buskirk |
| 301. | MENTAL HYGIENE AND SEX EDUCATION. | Mr. Van Buskirk |

COLLEGE OF ENGINEERING AND COMMERCE

ADMINISTRATIVE OFFICERS

- FREDERICK CHARLES HICKS, PH.D. President of the University
Office, 10 McMicken Hall
- HERMAN SCHNEIDER, SC.D. . . . Dean of the College of Engineering and
Office, Engineering Building Commerce
- JERMAIN G. PORTER, PH.D. Director of the Observatory
Office, The Observatory, Mt. Lookout
- WHITELAW REID MORRISON, A.M., M.D. Director of the Gymnasium
Office, Gymnasium Building
- DANIEL LAURENCE, B.S. . . . Secretary and Business Manager of the University
Office, 4 McMicken Hall
- CHARLES ALBERT READ, A.B. Librarian of the University
Office, Van Wormer Library Building
- LELIA G. HARTMAN, B.L. Registrar of the University
Office, 7 McMicken Hall
- GEORGE W. BURNS, LL.B. . . . Assistant Dean, College of Engineering and
Office, 116 Engineering Building Commerce
- ANNA TEASDALE. Secretary, College of Engineering and Commerce
Office, Engineering Building

FACULTY AND INSTRUCTORS

- FREDERICK CHARLES HICKS, PH.D. President of the University
- HERMAN SCHNEIDER, SC.D. . . William Thoms Professor of Civil Engineering
and Dean of the College of Engineering and Commerce
- NEVIN M. FENNEMAN, PH.D. Professor of Geology and Geography
- ALEXANDER MASSEY WILSON, M.E. Professor of Electrical Engineering

ALEXANDER LEWIS JENKINS, M.E.	Professor of Mechanical Engineering
GEORGE W. BURNS, LL.B.	Professor of Coordination and Assistant Dean of the College of Engineering and Commerce
SIDNEY H. GUTHRIE, MAJOR, C.A.C.	Professor of Military Science and Tactics
CLYDE WILLIAM PARK, A.M.	Professor of English
LOUIS BRAND, PH.D., E.E.	Professor of Mathematics
ROBERT CLYDE GOWDY, PH.D.	Professor of Physics
HENRY MAX GOETTSCH, PH.D.	Professor of Inorganic Chemistry
REGINALD CHARLES MCGRANE, PH.D.	Professor of History
RUSSEL ALGER STEVENSON, PH.D.	Professor of Accounting
NATHANIEL RUGGLES WHITNEY, PH.D.	Professor of Finance
HEISKELL BRYAN WHALING, PH.D.	Professor of Economics
REUBEN S. TOUR, B.S. (CH.E.) M.S.E.	Professor of Chemical Engineering
GEORGE D. McLAUGHLIN.	Professor, Department of Leather Research
EARL FREDERICK FARNAU, PH.D.	Associate Professor of Organic Chemistry
RALPH EDWARD OESPER, PH.D.	Associate Professor of Analytical Chemistry
EDWARD S. SMITH, M.E., PH.D.	Associate Professor of Mathematics
JOSEPH HENRY KINDLE, A.M.	Associate Professor of Mathematics
OTTO CHARLES VON SCHLICHTEN, A.B.	Assistant Professor of Geology
CHARLES B. HOFFMANN, M.E., E.E.	Assistant Professor of Electrical Engineering
CHARLES ALBERT JOERGER, M.E.	Assistant Professor of Mechanical En- gineering
BART JENNINGS SHINE, C.E.	Assistant Professor of Civil Engineering
EDGAR DOW GILMAN, B.S., (CH.E.), C.E.	Assistant Professor of Civil En- gineering
G. CARLTON SMITH, B.S. IN CH.E.	Assistant Professor of Chemical En- gineering
ARTHUR STAFFORD HATHAWAY, B.S.	Assistant Professor of Civil En- gineering
HOWELL McLAIN GANO, B.S., M.E.	Assistant Professor of Industrial Management
EARL C. CASE, A.B.	Assistant Professor of Geography
WILLIAM CARL OSTERBROCK, E.E.	Assistant Professor of Electrical En- gineering
H. CALVERT MESSINGER, M.E.	Assistant Professor of Coordination
VINCENT H. DRUFNER, B.S., C.E.	Assistant Professor of Coordination
RALPH L. LANGENHEIM, C.E.	Assistant Professor of Coordination
FAY A. NORTON, E.E.	Assistant Professor of Coordination
LOWELL M. ALEXANDER, E.E., A.M.	Assistant Professor of Physics
WALLACE W. BOONE, CH.E.	Assistant Professor of Chemistry
C. H. LUND, CH.E.	Assistant Professor of Coordination
H. HAL FIKRET, B.S.E., (M.E.)	Assistant Professor of Mechanical En- gineering

PAUL H. HERMAN, MAJOR, C.A.C., A.B.	Assistant Professor of Military Science and Tactics
JAMES A. B. GIBSON, CAPTAIN, ORDNANCE CORPS. . .	Assistant Professor of Military Science and Tactics
CHESTER K. HARDING, 1ST. LT., C. OF E.	Assistant Professor of Military Science and Tactics
ROY GREEN, 1ST. LT., C. OF E., B.S.	Assistant Professor of Military Science and Tactics
BOYD CHAMBERS, A.B.	Director of Athletics
CHARLES WATKINS BROWN, Mechanician and Instructor in Laboratory Arts	
EDWARD A. EBERHARDT, A.M.	Instructor in Modern Languages
MEYER SALKOVER, A.M.	Instructor in Mathematics
EDGAR P. BENGERT, A.M.	Instructor in English
HENRY A. WOLSDORF, M.E.	Instructor in Mechanical Engineering
WILLIAM HAMILTON CREIGHTON. . . .	Mechanician and Instructor in Labor- atory Arts
GEOFFREY A. GRAY, A.M.	Instructor in Chemistry and Chemist Bureau of City Tests
MARJORIE STEWART.	Coordinator for Women
ERIC D. LANE, B.S. IN C.E.	Instructor in Chemical Engineering
NEWTON ALVIN NOBLE.	Instructor in Electrical Engineering
EDWARD JOSEPH LORENZ, A.M.	Instructor in Physics
ALEXANDER PATERSON, C.E.	Instructor in Civil Engineering
ALFRED G. DAUM.	Mechanician and Instructor in Laboratory Arts
KARL WECKER.	Instructor in Music
ROBERT EDWARD HUNDLEY, B.M.E.	Instructor in Mathematics
CARL EVERETT OTTO, PH.D.	Instructor in Chemistry
WILLIAM SEYMOUR WABNITZ, A.B.	Instructor in English
C. L. PFEIFFER, B.S. IN E.E.	Instructor in Electrical Engineering
LEO G. RAUB, PH.D.	Instructor in Physics
CLARENCE FACKLER, A.B.	Instructor in Commerce
ALFRED RIBBINK, B.SC.	Instructor in Commerce
RUPERT ANDREW ANDEREGG, C.E.	Instructor in Civil Engineering
ARTHUR KNEBEL, M.E.	Instructor in Mechanical Engineering
WALTER F. MUHLBACH, PH.B.	Instructor in Commerce
DANIEL COOK.	Instructor in Sketching
HOWARD K. JUSTICE, C.E.	Instructor in Mathematics
HARRY L. MILLER, B.S. IN CH.E.	Instructor in Mathematics
E. W. DETRAZ, M.E.	Instructor in Metallurgy
HARVEY E. DRACH.	Assistant in Department of English
EDWIN RAYMOND THEIS, CH.E.	Research Assistant in Chemistry, Department of Leather Research
GEORGE EDMUND ROCKWELL, B.S.	Research Assistant in Bacteriology, Department of Leather Research

ADMISSION

REGULAR STUDENTS

REQUIREMENTS FOR ADMISSION

Candidates for admission as undergraduates must be at least seventeen years of age and must present fifteen units, to be distributed as follows:

English.—Three units

Algebra.—One unit

Plane Geometry.—One unit

Solid Geometry.—One half unit

History.—One unit

In addition to these specific requirements the candidate must offer five and one half units from the following: English, mathematics, language, history, physics, chemistry, zoology, botany, physical geography, commercial geography, astronomy, or physiology.

The remaining three units shall constitute a "free margin"; that is, the University will accept any three units which the secondary schools themselves credit towards graduation.

ADVANCED STANDING

Students from other universities may enter the co-operative course not later than the beginning of the third year. Credit for advanced standing is given only after the applicant has successfully passed examinations in the subjects in which advanced standing is requested.

ADMISSION BY EXAMINATION

Examinations for admission were held on June 20, 21, 22, 23, 24, 25, and on September 12, 13, 14, 15, 16, 17, 1921. In 1922 they were held on January 16, 17, 18, 19, 20, 21, and on June 19, 20, 21, 22, 23, 24.

Students who desire to take these examinations must obtain permission beforehand from the Dean's office. All applications for permission to take the entrance examinations should be made at least two days before the first day of the examination period. Some of the examinations may be taken in the spring and the remainder in the fall, if so desired. Students who apply for entrance examinations at times other than the days specified are charged a fee of \$5. Extra examinations, however, are not furnished except for good and sufficient reasons.

Examinations for Candidates without Graduation Certificates.—A candidate for admission to the University, coming from one of the accredited

schools, who is not a graduate of such school, is not admitted to the entrance examinations within one year after leaving such preparatory school, unless recommended for examination by the principal of the school from which he comes.

Students intending to take the entrance examinations should consult the statement of the entrance requirements, as printed on a preceding page and arrange to take their examinations

- (a) in the fixed requirements, and
- (b) in enough additional subjects to make a total of fifteen units.

Specimen entrance examination questions are furnished free of charge on application to the Dean's office.

ADMISSION ON CERTIFICATE FROM ACCREDITED SCHOOLS

Work of satisfactory grade (not lower than 70 percent) is accepted from graduates of the University's accredited schools in lieu of the entrance examinations upon the presentation of the proper certificate, signed by the principal of the school, certifying to the work of the candidate. All certificates presented for admission must specify the work actually done, the time devoted to each subject, and the grade received in each course. Blank forms are furnished upon application to the Dean of the College of Engineering and Commerce.

These certificates, properly made out, should be sent to the Dean, College of Engineering and Commerce, University of Cincinnati, Cincinnati, Ohio, as soon as possible after graduation. Upon receipt of the certificate the Dean passes upon the application, and if it is satisfactory, the candidate is informed that he is eligible for admission. If the certificate is not satisfactory, the candidate is informed, so that he may prepare himself for the entrance examinations. Every student eligible for admission to the College of Engineering and Commerce is given an admission card which must be presented on registration day.

A candidate from an accredited school who is not a graduate of such school is not admitted upon certificate at all, but must enter by examination in accordance with the rule given above under the heading "Admission by Examination."

SPECIAL STUDENTS

Persons at least twenty years of age and qualified to do university work may be admitted as special students to lectures and laboratory courses. They are required to furnish documentary evidence to the Dean of the College of Engineering and Commerce, and to satisfy the heads of the departments concerned of their ability to carry on successfully the courses which they desire to enter.

Before any special student may become a candidate for a degree he must satisfy the entrance requirements. All special students are amenable to the same regulations as apply to regular students in matters of examination, probation, discipline, etc.

COMMERCIAL ENGINEERING AND CHEMICAL ENGINEERING COURSES FOR WOMEN

A recent development in industry has been the opening of technical positions to young women. In response to requests for instruction for women in chemical engineering and commercial engineering, co-operative courses in these departments were opened in September, 1920.

With minor exceptions, the same subjects are studied as in the corresponding courses for men, and the same plan is followed of alternating periods of study with periods of practical experience. The outside work is done in chemical laboratories, in industrial plants, and in selected departments of commercial houses. A special co-ordinator is in charge of this work.

Upon satisfactory completion of the course, the student receives the degree of Chemical Engineer or Commercial Engineer.

Details concerning requirements for admission are given on pages 171 to 173 of this Announcement; the rates of tuition and fees, on pages 53 to 62.

FELLOWSHIPS, SCHOLARSHIPS, AND PRIZES

In the year 1906 the Lodge & Shipley Machine Tool Company donated two loan scholarships of the amount of \$100 each to two students of the cooperative course in engineering for the payment of their University fees.

In 1917 Mr. Frederick A. Geier donated "The Frederick A. Geier Students' Loan Fund." This fund yields an income of \$1,000 a year, which is used to assist students in the mechanical engineering cooperative course.

The E. I. du Pont de Nemours Powder Company offered for the session 1920-1921 a scholarship of \$350 to a student doing graduate work in chemistry or in chemical engineering.

For the fellowships, scholarships, and prizes of the various colleges, consult their several announcements.

THE TANNERS' RESEARCH DEPARTMENT

This Department was founded and is supported by the Tanners' Council of the United States, the association of American leather manufacturers. Its purpose is the establishment of the scientific laws underlying the manufacture of leather, starting with the original hide or skin, and covering its curing, soaking, unhairing and tanning. Such work embraces various branches of chemistry, bacteriology and technology. The work of this department is purely research. Its facilities are open to anyone desiring to work in leather research and whose qualifications are satisfactory to the head of the department.

GENERAL REGULATIONS

Each student shall, at the beginning of the year, leave his local address at the office of the Registrar and shall promptly report all subsequent changes of address.

UNIT OF INSTRUCTION.—The unit of instruction is one hour a week for one semester. Two and one half hours of actual work in the laboratory, shop, or drafting-room are considered equivalent to one recitation hour and the preparation therefor. Credit is given for the number of hours officially published with the course, and for no more. University work not regularly registered is forbidden.

ABSENCES.—All absences of regular students from class work must be accounted for to the heads of the departments concerned. Absences not reported within a week after the students' return to the University shall rank as unexcused.

GRADES.—The scale of marks for recording grades is as follows:

<i>Grade</i>	<i>Percentage Equivalent</i>
0 (Failure)	0— 49
1 (Condition)	50— 59
2	60— 69
3	70— 79
4	80— 89
5	90—100

A student who has failed in any subject must register for that subject the next time it is given in the course, and may not register for any advanced subject the hours of which conflict with the subject in which he has failed.

PROBATION.—At the mid-terms, and at the end of each term, all first-year students whose average grade falls below 2, all second-year students whose average grade falls below 2.5, and all students in the third, fourth, and fifth

years whose average grade falls below 3, shall be placed on probation. The average grade is computed as follows: each mid-term or final grade of a student is multiplied by the number of credit hours allotted to the course in question, these products added, and the total divided by the entire number of credit hours.

Any student who is placed on probation more than twice during any college year, shall be automatically suspended for the remainder of that year; and shall be required to repeat work in which he has not received satisfactory grades, if he registers at the beginning of the succeeding year.

If the average grade of a student falls below 1 in the first year after the first mid-term, below 1.5 in the second year, or below 2 in the third, fourth, and fifth years, the student shall be subject to immediate dismissal.

WITHDRAWAL.—In case a student withdraws from the University during any semester, credit is not given for any of the work elected for that semester.

HONORABLE DISMISSAL.—It is required as a condition of honorable dismissal that every student who wishes to withdraw from the University shall submit to the Registrar a written request to that effect at the date of his withdrawal.

DEGREES

The technical degrees of Civil Engineer, Chemical Engineer, Electrical Engineer, Mechanical Engineer, Metallurgical Engineer, and Commercial Engineer, are given to those students of the cooperative course in engineering and commerce who complete satisfactorily the work scheduled under the respective departments.

Each candidate for a degree must file in the Registrar's office before March 1 of his Senior year a formal application for his degree. If a Senior fails to make this application, the University will not be responsible for his graduation.

Degrees are not conferred *in absentia*, except by special permission from the President.

THE COOPERATIVE SYSTEM IN ENGINEERING AND COMMERCE

PLAN OF INSTRUCTION

The College of Engineering and Commerce of the University of Cincinnati operates on what is known as the cooperative system. Under this plan the practice of engineering is taught in a shop or on a railroad under

actual commercial conditions, and the science underlying the practice is taught in the University. The students are divided into two sections, which alternate every two weeks; during the first and second years, and every four weeks during the third, fourth, and fifth years; that is to say, during one period, one half of the students are at the University and one half are in the factories; at the beginning of the next period the sections are changed, those who were at the University going to the shops, and those who were in the shops going to the University. Briefly, it is the aim of the cooperative course to give the student a thorough training in the theory and practice of engineering.

The cooperative course is of five years' duration, eleven months in the year. A vacation, which is divided between the two students of each pair, extends from the middle of August to the middle of September.

Students who have had no practical experience will find it advantageous to begin their practical work during the summer prior to the opening of college. The Dean's Office will arrange the time and place for beginning work, and every applicant, after being notified of his admission, should have a definite understanding as to the time at which he should report to the University. Non-resident students may arrange with the Office of the Dean to do this preliminary work in their home towns.

Cooperative students are required to obey all regulations of the company with which they work, and are subject to all existing labor conditions and laws, including those pertaining to liability for accident.

Applications and correspondence concerning admission to the cooperative course should be addressed to the Dean of the College of Engineering and Commerce.

WAGES

Cooperative students are not held to a standard schedule of wages, but are paid for their work in the shops at the same rate as other employees. The minimum rate paid cooperative students who have had no previous practical experience is 25 cents an hour, and this rate increases $2\frac{1}{2}$ cents an hour every six months. Most concerns start cooperative students at a little higher rate than this minimum rate.

In railroad work, contracting work, and traction company work, students are paid at the prevailing rate of regularly employed men; thus the rate of beginners in track gang work is 30 cents an hour; in bridge work, 38 cents an hour; in switch and signal work, 35 cents an hour; in street paving work, 30 cents an hour; in car barn work, 30 cents an hour; and so on.

Students with previous experience are paid what their services are worth. The University makes no guarantee as to wages, but uses every effort to place students to their best financial and educational advantage.

Students who begin at the minimum rate are not held to this rate if their abilities are such that they can earn more. The wages are paid directly to the students by their employers for the actual time worked in the shops. Machine shops work 48 hours a week; foundries, traction companies, and railroads, 60 hours a week.

COURSES OFFERED

Cooperative courses are offered in chemical engineering, civil engineering, electrical engineering, mechanical engineering, metallurgical engineering, and commercial engineering. Women are admitted to the cooperative work in commerce and in chemical engineering on the same basis as men. Their courses are intended to prepare them for research and executive work in industry and commerce.

THE SUMMER TERM

The summer term begins in June and continues for ten weeks, the students working in bi-weekly or monthly periods, as in the winter term.

SUMMARIZED INFORMATION

ENTRANCE REQUIREMENTS.—To be regularly admitted to the cooperative course, an applicant must have fifteen or more units from an accredited high school. These must include three in English, one in history, one in algebra, one in plane geometry, and one half in solid geometry.

A high school is an accredited high school, if the state university in the same state admits students from the school on certificate.

On account of the rigorous character of the cooperative course, it is essential that incoming students be well grounded in their high school subjects, especially mathematics. It has been demonstrated conclusively that a student with poor preparation cannot maintain passing grades and soon drops out. In order that both the applicant and the college may obtain definite information on this mutually important point, a consultation is arranged between the applicant and a teacher in the Department of Mathematics, during which the applicant's knowledge of mathematics is tested. Should the results be unsatisfactory, the applicant is given ample time to prepare for a second conference. If this second conference does not demonstrate adequate grounding in mathematics, the applicant is informed that his chances of success in the college work are such as to make it inadvisable for him to enter the college.

EARNINGS.—A student cannot earn enough money during his course to pay all of his expenses. Some students, because of previous experience or special aptitude, earn more than others; but the average cooperative student

earns by his cooperative work about enough to pay for his board and lodging. Hence a student should have enough capital to meet all other expenses.

OUTSIDE WORK.—Incoming students without practical experience should begin their outside work during the summer preceding their admission to college.

The University secures all positions, and sets the date for reporting. Those who wish to defer reporting until September must submit their reasons for doing so to the Dean, and obtain his permission.

Applicants are requested to send a full and complete statement of their previous experience in whatever kind of work they may have done for pay. Arrangements for cooperative positions will be based upon these statements. Previous experience, however, is not essential.

TIME OF ENTERING COURSE.—Students are enrolled in the cooperative course only at the beginning of the college year in September. The courses are continuous; hence a student who has not attended the college during the first semester cannot register for work in the second semester.

SUMMER TERM.—The summer term is a continuation of the work of the second semester; it begins in June and continues for ten weeks.

COMMUNICATIONS.—Address all communications and scholarship records to the Dean of the College of Engineering and Commerce.

Please state in your first letter, if possible, the name of the course in which you are interested. Also give concisely any other information concerning yourself which might aid us in passing upon your application.

Read the Announcement carefully. If there is any matter which is not entirely clear to you, do not hesitate to write to us about it.

Personal interviews usually accomplish more than correspondence. If you live within convenient distance, it would be better to call in person at the University to discuss the matter of your admission.

The University is always glad to advise prospective students in matters of preparation, and to offer any other helpful suggestions whenever it can.

COURSES OF INSTRUCTION IN ENGINEERING AND COMMERCE

COURSES IN THE FIRST TWO YEARS

The curriculum for the first two years of the cooperative course in all branches of engineering and commerce is nearly uniform. This uniformity arises from the fact that the courses given during this time—mathematics, mechanics, general inorganic chemistry, physics, and engineering drawing—are regarded as forming a common foundation for engineering in general. The specialization of the curriculum in the various departments of engineering and commerce is thus confined to the last three years of the course.

The fundamental courses given in the first two years are developed from a small body of basic principles. These are emphasized repeatedly in the various problems to which they apply. Moreover the courses are arranged to bring out the close connection between related topics. In the first year, for example, elementary mathematics, mechanics (statics), and engineering drawing are frequently brought into intimate contact. Thus a problem in mechanics may be solved as a problem in trigonometry, and at the same time by a graphic construction on a drawing plate. Again in the second year, problems that arise in physics and dynamics are used as applications of the calculus.

In brief, the courses whose inter-relationships have been developed comprise two principal groups: in the first year, elementary mathematics, statics, and engineering drawing; in the second, the calculus, dynamics, and physics. The nature of this correlation is indicated below in the description of these courses.

MATH. 1a, b, c.—Trigonometry; algebra; analytic geometry. The course begins with vector addition and trigonometry in order to correlate with statics to the best advantage. Vector methods are employed in the development of trigonometry and analytic geometry.

MECH. 1a, b, c.—Statics: basic principles; conditions of equilibrium; force polygon; funicular polygon; center of gravity; static friction; beams; jointed structures (truss and crane types); virtual work; simple machines.

The general theory of statics is developed from a few basic principles. Analytic and graphic methods are consistently developed side by side, thus affording a correlation with algebra and trigonometry on the one hand, and with engineering drawing on the other.

ENGINEERING DRAW. 1a, b, c.—Engineering drawing; vector addition; graphs; descriptive geometry; shear and moment diagrams (funicular polygon); Maxwell diagrams; isometric projection.

The work in descriptive geometry covers the fundamental problems on the point, line, and plane, and their application to problems on the intersection and development of surfaces. The methods of descriptive geometry are applied to the solution of problems in three-dimensional statics. Connection is also made with analytic geometry.

GENERAL CHEMISTRY (Ch. E. 1a, 3b, c).—A course in elementary chemistry taking up some of the general principles and teaching the student some of the characteristic properties of the more important elements and compounds.

GENERAL CHEMISTRY (Ch. E. 2a, 4b, c).—Laboratory. Experimental work to supplement the lecture courses and to impress upon the student some of the more important points developed in the lectures.

COORDINATION 1a, b.—Recitations and discussions based on the student's observation and knowledge of the outside work and its relation to his studies. Lectures and reports on trips of inspection to industrial plants. Lectures on principles and practice of safety.

ENGLISH 41a, b, c.—First-year reports and conferences.

The purpose of this course is to review the essentials of English composition and to apply them in the writing and criticism of inspection-trip reports and other written exercises. The work of the first and second semesters includes class recitations as well as conferences.

MILITARY SCIENCE AND TACTICS 1a, b, c

PLANE SURVEYING (C. E. 25c).—The theory of land, topographic, and city surveying. Practice in the use and adjustments of the tape, level, transit, and plane table.

QUALITATIVE ANALYSIS (Ch. E. 5c, 6c)

MATH. 5a, b, c.—Differential and integral calculus. This course is extensively correlated with dynamics and physics.

MECH. 2a, b.—Dynamics; velocity and acceleration; force; dimensions; sliding friction; impulse and momentum; work and energy; power; simple harmonic motion; impact; moment of momentum; moment of inertia and radius of gyration.

The general theory of dynamics is deduced from a few basic principles. The fundamental concepts of the calculus are applied from the outset in the development of this course.

ENGINEERING DRAW. 2a, b.—Engineering drawing; perspective; isometric projection; machine drawing; masonry and steel construction drawing. The work in this course includes the freehand sketching of machine parts, and the study of drafting conventions.

PHYSICS 1a, 21b.—Lectures and demonstrations on optics, hydrostatics and hydrodynamic wave motion and sound, heat and thermodynamics, electricity and magnetism. This course correlates with calculus and dynamics.

PHYSICS 2a, 22b.—Laboratory. Experimental work to supplement the lecture courses. Lectures on laboratory methods and development of apparatus form a part of this course. Experiments in dynamics are given from time to time to correlate with Mech. 2.

METALLURGY 1a, b.—Engineering metallurgy; engineering metallurgy laboratory. A course designed to give an introduction to the metallurgical principles underlying the commercial production of metals and alloys; and an explanation of their various mechanical and physical properties.

COORDINATION 2a, b.—Written and oral discussions by the students based on observation and experience gained through their connection with the outside work, and the correlated theoretical knowledge acquired in the classrooms. Lectures on first aid.

ENGLISH 42a, b, c.—Second-year reports and conferences.

Students will be held responsible for applying the principles studied in the first year to reports in metallurgy and physics, and to written work in other technical courses.

Prerequisite: English 41.

MILITARY SCIENCE AND TACTICS 2a, b

It will be seen from the foregoing statement that all courses of instruction in the College of Engineering and Commerce during the first two years are nearly identical, and that any student is thus enabled to change from one course to another without loss of time or effort. The courses vary appreciably in the summer following the second year, however, and diverge more and more throughout the third, fourth, and fifth years.

The only differences between courses during the first and second years are as follows:

1. In the summer following the first year, the students in Chemical and Metallurgical Engineering take Qualitative Analysis, instead of continuing in General Chemistry. Hence, it is advisable that students who contemplate taking up Chemical Engineering as a profession make their decisions before the summer following the first year.

2. The first and second-year students of the Civil Engineering Department attend the University full time from about January 15 until about April 15 (designated as winter term), and work full time during the summer. During this winter term, the first and second-year students of this department complete the work that is ordinarily given to the students of the other departments during the summer term.

The winter term work of the second-year students of the Civil Engineering Department is described in the detailed outline of that course. On account of this variation from the procedure in the other departments, it is very desirable that students who contemplate a transfer to the Civil Engineering Department should make their decisions before the beginning of the winter term of the second year.

The following outline indicates the subjects taken by all students up to the beginning of the summer term following the second year, except as noted above for the course in Civil Engineering. It is obvious that these subjects are fundamental in character and essential to the advanced work of the later years.

SUBJECT	COURSE	EXERCISES PER ALTERNATE TWO WEEKS		Summer Work (given to C.E. Students in Winter Term)
		1st. Sem.	2d Sem.	Winter Term)
First Year				
Mathematics	Math. 1a, 1b, 1c	6	6	6
Mechanics	Mech. 1a, 1b, 1c	3	3	3
Engineering Drawing	E. D. 1a, 1b, 1c	3	3	4
General Chemistry	Ch. E. 1a, 3b . .	5	5	
Chemistry Lab.	Ch. E. 2a, 4b . .	3	3	
Coordination	C. 1a, 1b	2	2	
English	Eng. 41a, 41b, 41c	1	1	1
Military Science and Tactics. .	Mil. 1a, 1b, 1c . .	3	3	3
General Chemistry	Ch. E. 3c, 4c.			7
	(For M. E.'s, E. E.'s, and Com. E.'s only)			
Plane Surveying	C. E. 25c (for C. E.'s only)			8
Qualitative Analysis	Ch. E. 5c, 6c (for Ch. E.'s and Met. E.'s)			7
Second Year				
Mathematics	Math. 5a, 5b . . .	6	6	
Mechanics	Mech. 2a, 2b . . .	3	2	
Engineering Drawing	E. D. 2a, 2b . . .	2	2	
General Physics	Phys. 1a, 21b . . .	6	6	
Physics Lab	Phys. 2a, 22b . . .	2	3	
Metallurgy	Met. E. 1a, 1b . .	3	3	
Coordination	C. 2a, 2b	2	2	
English	Eng. 42a, 42b . .	1	1	
Military Science and Tactics. .	Mil. 2a, 2b	3	3	

DEPARTMENT OF COORDINATION

The Department of Coordination is responsible for the smooth and successful operation of the cooperative courses in the industries. All questions regarding wages, transfers, and changes of jobs are handled by this department. There is a coordinator for every course,—Mechanical, Electrical, Civil, Chemical, Metallurgical, and Commercial Engineering—and these coordinators confer with the employers in planning the courses in practical work so that the students get a logically and carefully arranged training.

In order that the studies in the University may be definitely coordinated with the practical work, the coordinators make a direct correlation of the work of the shop with the instruction given in the University. They make

a careful study of each cooperating firm, and devise organization charts showing the various kinds of work which a student can most profitably follow. In addition to the organization chart, a graphical record is made for every student, which shows the various kinds of work that the student has done during the five years of his course. In this way every student's record is under constant scrutiny by the coordinator of his department.

In addition to planning schedules of the students' practical work, the coordinators meet students in the classroom during the two weeks they are in school. In these classes all problems of shop layout and construction, shop organization and management, shop planning and accounting, chemical and metallurgical control of materials and processes, power transmission, heating, ventilating, lighting, etc., are discussed.

SCHEDULE OF COORDINATION CLASSES

ASSISTANT DEAN BURNS; ASSISTANT PROFESSORS DRUFNER, GANO, LANGENHEIM, LUND, MESSINGER, NORTON

- C. 1a, b. Recitations and discussions based on the student's observation and knowledge of the outside work and its relation to his studies. Lectures and reports on trips of inspection to industrial plants. Lectures on principles and practice of safety. Two hours a week, *first and second semesters*. For all first-year students in engineering and commerce.

Mr. Drufner, Mr. Langenheim, Mr. Lund, Mr. Messinger, Mr. Norton

- C. 2a, b. Written and oral discussions by the students based on observation and experience gained through their connection with the outside work, and the correlated theoretical knowledge acquired in the classrooms. Lectures on first aid. Two hours a week, *first and second semesters*. For all second-year students in engineering and commerce.

Mr. Drufner, Mr. Langenheim, Mr. Lund, Mr. Messinger, Mr. Norton

- C. 3a, b. Classroom discussion of the various materials, methods, or designs that are used on cooperative jobs. One hour a week, *first and second semesters*. For all third-year students in civil engineering. Mr. Langenheim

- C. 13a, b. Discussions by the students of the more recent developments in that branch of the chemical field in which each one is working, as set forth in current technical journals, books, and catalogues. One hour a week, *first and second semesters*. For all third-year students in chemical and metallurgical engineering. Mr. Lund

- C. 23a, b. Application of the principles of the other courses taught during the third year, such as economics, accounting, and business practice, to the particular position, firm, and trade in which the student is employed. Conducted by means of lectures, talks, and discussions by the students; written reports and discussions of current business literature and trade reports. One hour a week, *first and second semesters*. For all third-year students in commercial engineering. Mr. Drufner
- C. 33a, b. Round table discussion of engineering and miscellaneous subjects pertaining to each student's job. A yearly report of the outside work in the form of a syllabus is required of each student. One hour a week, *first and second semesters*. For all third-year students in electrical engineering. Mr. Norton
- C. 43a, b. Papers prepared by students on engineering subjects and delivered before the class in fifteen-minute talks. General discussion of subject-matter presented. One hour a week, *first and second semesters*. For all third-year students in mechanical engineering. Mr. Messinger
- C. 24a, b. The development and growth of various trades in which the students are employed. The gathering of pertinent statistics illustrating principles learned in the finance, accounting, and marketing courses. Conducted by means of written reports, talks, and discussions by the students. One hour a week, *first and second semesters*. For all fourth-year students in commercial engineering. Mr. Drufner
- C. 44a, b. ACCOUNTING FOR ENGINEERS.—This is a special course in the elements of accounting. Three hours a week, *first and second semesters*. For all fourth-year students in chemical, civil, electrical, mechanical, and metallurgical engineering. Mr. Gano
- C. 5a, b. INDUSTRIAL ENGINEERING.—Development of modern industrial systems; industrial tendencies; forms of business ownership; principles of industrial organization and management; control of production; time study; standards; wage payment methods; industrial relations; operating management costs; management policies; location, layout, and design of plants. Problems, to be handled in report form, dealing with construction work and problems of special interest to the individual student will be assigned. Three hours a week, *first and second semesters*. For all fifth-year students in civil engineering. Mr. Gano
- C. 25a, b. Research work in marketing, accounting, finance, or along any other line in which the student is interested and on which

he desires to base his thesis. Problem to be selected by the student in conference with his cooperative firm and the faculty of the Commerce Department. Personal conferences, talks, and discussions by the students. One hour a week, *first and second semesters*. For all fifth-year students in commercial engineering. Mr. Drufner

- C. 45a, b. INDUSTRIAL ENGINEERING.—Development of modern industrial systems; industrial tendencies; forms of business ownership; principles of industrial organization and management; control of production; time study; standards; wage payment methods; industrial relations; operating management costs; management policies; location, layout, and design of plants. Problems, to be handled in report form, representative of the different industries and of special interest to the individual student, will be assigned. Three hours a week, *first and second semesters*. For fifth-year students in chemical, electrical, mechanical, and metallurgical engineering. Mr. Gano
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CHEMICAL ENGINEERING

The course in Chemical Engineering is intended to teach the prospective engineer the general principles of chemistry and of engineering, bringing out the correlation and application of each to the other. He is thus prepared in the fundamental knowledge requisite for the development, design, operation, and maintenance of chemical machinery and chemical plants. He has, in a sense, the combined viewpoint of the chemist and the mechanical engineer, and he is thus much better equipped than either to consider propositions, investigate processes, develop plans, or superintend operation of industrial plants where chemical processes play a vital part.

The Chemical Engineer is essentially a modern product, and the demand for men with this special training is continually increasing. The chemical industry has come to play an important part in the development of present day civilization. The efficient control of chemical plants and processes, the economical utilization of fuel and power, the conversion of factory by-products into marketable commodities, and the adaptation or design of mechanical equipment to carry out chemical reactions on a large scale, all demand the services of the combined engineer and chemist.

The manufacture of the acids and alkalis; the production of lime, cement, clay, and glass; the refining and distillation of petroleum, asphalts, tars, and their products; the utilization of fuels, solid, liquid, and gaseous; the manufacture of paints and varnishes; the production of sugar, starch, and glucose; the manufacture of paper, cellulose, and leather; the bleaching and dyeing of textiles; all are illustrations of present day industries requiring the special training of the chemical engineer.

COOPERATIVE COURSE

The cooperative course in Chemical Engineering, offered at the University of Cincinnati, normally requires five years of eleven months each for completion. During half this time, at regularly alternating periods, the student attends the University for instruction, while the other half of his time is spent in nearby factories where he obtains the necessary practical experience under actual commercial conditions. This cooperative system is described in more detail elsewhere in this Announcement.

The University of Cincinnati is most fortunately located for cooperation with chemical industries, as there are chemical plants representing most of the important applications of chemical engineering within a few hours ride of Cincinnati.

During the first two years the instruction is practically uniform for all the departments of engineering and covers such basic studies as mathematics, general chemistry, physics, mechanics, engineering drawing, etc. During the last three years the more specialized studies in Chemical Engineering make their appearance. Such studies include qualitative and quantitative analysis, organic chemistry, physical chemistry, industrial chemistry, chemical technology, etc., as well as necessary studies in mechanical and electrical engineering. Where necessary, these courses are accompanied by work in the laboratories, which are fully equipped and modern in all respects. The instruction is supplemented by regular inspection trips of the classes to representative plants in the vicinity. A very complete library on chemistry and chemical engineering is available in the building.

CHEMICAL ENGINEERING—COOPERATIVE PLAN

Courses Required for the Degree of Ch. E.

See page 182 for subjects required previous to the beginning of the second summer.

SUMMER.		EXERCISES PER ALTERNATE FOUR WEEKS		
SUBJECT	COURSE	1st Sem.	2d Sem.	Summer
<i>Second Summer Term</i>				
Quantitative Analysis.....	Ch. E. 7c.....			15
Mathematics.....	Math. 5c.....			6
English.....	Eng. 42c.....			1
Military Science and Tactics..	Mil. 2c.....			3

Third Year—Pre-Junior

Quantitative Analysis.....	Ch. E. 7a.....	4	
Organic Chemistry.....	Ch. E. 8a, 8b, 9b .	3	6

SUBJECT	COURSE	EXERCISES PER ALTERNATE FOUR WEEKS		
		1st Sem.	2d Sem.	Summer
Mechanics	Mech. 3a, 4b	6	6	
Electrical Engineering	E. E. 20a	6		
Electrical Engineering Lab.	E. E. 21a	2		
Mechanical Engineering	M. E. 12b		6	
Mechanical Engineering Lab.	M. E. 20b		2	
English	Eng. 43a, 43b	1	1	
English	Eng. 53a, 53b	3	3	
Coordination	C. 13a, 13b	1	1	
*Military Science and Tactics	Mil. 3a, 3b	2	2	

Third Summer Term

Organic Chemistry Lectures	Ch. E. 20c		3	
Organic Chemistry Lab.	Ch. E. 9c		5	
Metallography	Met. E. 5c, 6c		7	
English	Eng. 43c		1	
*Military Science and Tactics	Mil. 3c		2	

Fourth Year—Junior

Physical Chemistry Lectures	Ch. E. 12a, 32b	5	5	
Physical Chemistry Lab.	Ch. E. 13a, 33b	3	3	
†Modern Language	Lang. 40a, 40b	5	5	
Advanced Organic Lab.	Ch. E. 21a	3		
Chemical Engineering	Ch. E. 43a, 43b	5	5	
Technical Analysis	Ch. E. 17b		3	
English	Eng. 44a, 44b	1	1	
Coordination	C. 44a, 44b	3	3	
*Military Science and Tactics	Mil. 4a, 4b	2	2	

Fourth Summer Term

Chemical Engineering Design	Ch. E. 44c		15	
Surveying	C. E. 3c		3	
English	Eng. 44c		1	
*Military Science and Tactics	Mil. 4c		2	

*Elective

†German is a requirement; French is optional.

SUBJECT	COURSE	EXERCISES PER ALTERNATE FOUR WEEKS		
		1st Sem.	2nd Sem.	Summer
<i>Fifth Year—Senior</i>				
Industrial Chemistry Lecture.	Ch. E. 16a, 16b...	5	5	
Industrial Chemistry Lab....	Ch. E. 36a, 36b...	3	3	
†Modern Language.....	Lang. 41a, 41b...	5	5	
Thesis	Ch. E. 23a, 23b...	3	3	
English.....	Eng. 45a, 45b....	1	1	
Coordination.....	C. 45a, 45b.....	3	3	
*Military Science and Tactics.	Mil. 5a, 5b.....	2	2	

CHEMICAL ENGINEERING

PROFESSORS TOUR, GOETTSCH; ASSOCIATE PROFESSOR FARNAU;
ASSISTANT PROFESSORS SMITH, BOONE; INSTRUCTORS LANE, DETRAZ,
OTTO

- 1a. GENERAL INORGANIC CHEMISTRY.—The non-metals. Course 2a forms an integral part of and must accompany Course 1a. *First semester.* Five lectures a week.
Mr. Goettsch, and assistants
- 2a. GENERAL INORGANIC CHEMISTRY LABORATORY.—Experiments complementary to the subject-matter of Course 1a. *First semester.* Three laboratory exercises a week.
Mr. Goettsch, Mr. Otto, and assistants
- 3b, c. GENERAL INORGANIC CHEMISTRY.—The metals. Continuation of Course 1a. The course must be accompanied by Course 4b. *Second semester and summer term.* Five hours a week.
Prerequisite: Courses 1a and 2a Mr. Goettsch and assistants
- 4b, c. GENERAL INORGANIC CHEMISTRY LABORATORY.—Experiments complementary to the subject-matter of Course 3b. *Second semester and summer term.* Three laboratory exercises a week.
Mr. Goettsch, Mr. Otto, and assistants
- 5c. QUALITATIVE ANALYSIS. Mr. Goettsch and Mr. Otto
Prerequisite: Courses 3b and 4b
- 6c. QUALITATIVE ANALYSIS LABORATORY.—To accompany Course 5c. Mr. Goettsch and Mr. Otto
- 7a, c. QUANTITATIVE ANALYSIS.— Mr. Goettsch
Prerequisite: Courses 5c and 6c
- 17b. TECHNICAL ANALYSIS.— Mr. Goettsch
Prerequisite: Course 7c

*Elective

†German is a requirement; French is optional.

- 8a, b. ELEMENTARY ORGANIC CHEMISTRY.—*First and second semesters* for cooperative engineers. Mr. Farnau
Prerequisite: Courses 3b and 4b
- 9b, c. ORGANIC REACTIONS AND PREPARATIONS.—Laboratory practice, consisting of two exercises a week to accompany the lectures of Course 8b, 20c. *Second semester and summer term* for cooperative engineers. Mr. Farnau
Prerequisite: Courses 3b and 4b
- 20c. ADVANCED ORGANIC CHEMISTRY.—*Summer Term.* Three lectures a week Mr. Farnau
Prerequisite: Courses 5c, 6c, 7c, 8b, 9b, and a reading knowledge of German and French
- 21a. ADVANCED ORGANIC CHEMISTRY LABORATORY.—Three exercises a week. Mr. Farnau
- 12a. PHYSICAL CHEMISTRY.—*First semester.* Five lectures a week. Mr. Farnau
Prerequisite: Chemistry 5c, 6c, 7c; Physics 1a and 21b; Mathematics 5
- 13a. PHYSICAL CHEMISTRY LABORATORY.—This course must accompany Course 12a. *First semester.* Three exercises a week. Mr. Farnau and assistant
- 32b. ELECTRO-CHEMISTRY.—*Second semester.* Five lectures a week. Mr. Farnau
Prerequisite: Course 12a
- 33b. ELECTRO-CHEMISTRY LABORATORY.—This course must accompany Course 32b. *Second semester.* Three exercises a week. Mr. Farnau and assistant
- 1a, b. METALLURGY.—Two lecture and one laboratory periods a week. Mr. Boone and assistants
Prerequisite: Chemistry 5c and Physics 1a
- 5c, 6c. METALLOGRAPHY.—Three lecture and four laboratory periods a week. Mr. Boone
Prerequisite: Course 7
- 16a. INDUSTRIAL CHEMISTRY.—*First semester.* Five periods a week. Mr. Smith
Prerequisite: Course 17b and 43b
- 16b. INDUSTRIAL CHEMISTRY.—*Second semester.* Five periods a week. Mr. Smith
Prerequisite: Courses 16a and 21a
- 36a, b. INDUSTRIAL CHEMISTRY LABORATORY.—Three laboratory periods a week. Mr. Smith
- 42a, b. MATERIALS OF ENGINEERING.—*First and second semesters.* One lecture. Mr. Smith

- 43a, b. CHEMICAL ENGINEERING.—*First and second semesters.* Five lectures a week. Mr. Smith
- 44c. CHEMICAL ENGINEERING DESIGN.—*Fourth summer term.* Mr. Smith, Mr. Lane
- 23a, b. THESIS LABORATORY.—Three to five laboratory periods a week. For Senior students who are required to prepare a thesis for graduation. Mr. Tour, Mr. Goettsch, Mr. Farnau, Mr. Smith, Mr. Boone
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CIVIL ENGINEERING

The purpose of this course is to give a broad education in those subjects which form the basis of all branches of technical education, and a special training in the subjects comprised under the term "Civil Engineering." It aims to prepare the young engineer to assist in the design and construction of bridges, steel and reinforced concrete buildings, and other masonry structures, such as walls, foundations, and dams; to aid in the location and construction of steam and electric railways, highways, pavements, sewerage, and water supply systems; and to undertake, in an intelligent manner, the supervision of work in the allied fields of mining, architectural engineering, and general contracting.

COOPERATIVE PLAN

The Civil Engineering Department cooperates with consulting engineers, railroads, structural steel shops, reinforced concrete construction companies, general contractors, the Engineering Department of the City of Cincinnati, and the United States Government.

In this department the employment in practical work is continuous during the summer, and, with certain exceptions noted below, alternates in bi-weekly periods during the first and second semesters. College work is continuous for first and second-year students between the first of January and the first of April. (See winter schedules in the courses required for the degree of C. E.)

Students employed by the railroads start in section gangs, as laborers on track work, doing main line, yard, or extra gang work. In the bridge and building department, experience is gained in the repair of bridges, the building of culverts, and other construction and maintenance work done by this department. The signal department affords opportunity for the student to become familiar with the installation, operation, and maintenance of the various signal systems. Field and office experience is obtained in the processes of railroad valuation. In the latter part of the course, the student is assigned to minor supervisory work in connection with heavy construction. As opportunity permits, and the ability of the

student warrants, he acts as assistant foreman and timekeeper in the various departments.

Students desiring municipal work start as laborers with contractors for city departments, on street, sewerage, bridge, or other municipal work. After sufficient experience, they become rodmen, inspectors, timekeepers, foremen, and assistant superintendents.

In structural work, the student is placed in a structural steel shop to familiarize himself with structural steel fabrication. This is followed by experience in steel erection, and by work in reinforced concrete construction and general contracting activities, the student being given opportunities commensurate with his proven ability.

Experience in the construction projects of the United States Government on the Ohio and neighboring rivers may be obtained by those having the necessary preliminary experience. This work consists of investigations, surveys, inspection and office work in connection with the construction of dams, locks, and channel improvement.

The outside work in civil engineering aims to give the students experience in doing the work themselves, and the opportunity to observe the work of others at close range while acting as assistants; it also trains them, in conjunction with their college course, to supervise work that is being done by others. While there is a definite plan outlined and agreed to by each employer, promotion is dependent upon the ability and application of the student.

CIVIL ENGINEERING—COOPERATIVE PLAN

Subjects Required for the Degree of C. E.

See page 182 for subjects required previous to the beginning of the second year winter term.

Second Winter Term		EXERCISES PER ALTERNATE FOUR WEEKS	
SUBJECT	COURSE	1st Sem.	2d Sem.
<i>Second Winter Term Six Weeks</i>			
<i>Sophomore</i>			
Mathematics.	Math. 5c.	6	
Plane Surveying.	C. E. 25c.	8	
English.	Eng. 42c.	1	
Hydraulics.	C. E. 13c.	7	
Military Science and Tactics. .	Mil. 2c.	3	
<i>Third Year—Pre-Junior</i>			
English.	Eng. 53a, 53b.	3	3
Electrical Machinery.	E. E. 20a.	6	
Electrical Lab.	E. E. 21a.	2	

SUBJECT	COURSE	EXERCISES PER ALTERNATE FOUR WEEKS	
		1st Sem.	2d Sem.
Mechanics	Mech. 3a, 3b	6	6
Gravity Structures	C. E. 30b		3
Railroad Surveying, Theory	C. E. 10a, 10b	3	3
Railroad Surveying, Field	C. E. 11a	3	
Steam Engineering	M. E. 12b		6
Mechanical Lab	M. E. 20b		2
English	Eng. 43a, 43b	1	1
Coordination	C. 3a, 3b	1	1
*Military Science and Tactics	Mil. 3a, 3b	2	2

Fourth Year—Junior

Mathematical Analysis	Math. 30a, 30b	3	3
Mineralogy	Geol. 25a, 25b	2	2
Roofs and Bridges, Theory	C. E. 9a, 9b	5	3
Roofs and Bridges, Drawing	C. E. 8a, 8b	3	2
Coordination	C. 44a, 44b	3	3
Reinforced Concrete, Theory	C. E. 16a, 16b	3	5
Reinforced Concrete, Laboratory and Design	C. E. 31a, 31b	2	3
History	Hist. 74a, 74b	3	3
English	Eng. 44a, 44b	1	1
*Military Science and Tactics	Mil. 4a, 4b	2	2

Fifth Year—Senior

Engineering Geology	Geol. 2a, 2b	4	4
Structural Design, Theory	C. E. 14a, 14b	3	3
Structural Design, Drawing	C. E. 15a, 15b	2	2
Water Supply and Sewerage	C. E. 21a	6	
Water Supply and Sewerage, Design	C. E. 22a	2	
Engineering Problems	C. E. 24b		8
Indeterminate Structures	C. E. 17a, 17b	2	2
Coordination	C. 5a, 5b	3	3
History	Hist. 75a, 75b	6	6
English	Eng. 45a, 45b	1	1
*Military Science and Tactics	Mil. 5a, 5b	2	2

*Elective

CIVIL ENGINEERING

PROFESSOR SCHNEIDER; ASSISTANT PROFESSORS SHINE, GILMAN,
HATHAWAY; INSTRUCTORS PATERSON, ANDEREGG

3c. ELEMENTARY SURVEYING.—	Mr. Gilman
7c. CEMENT TESTING, LABORATORY.—	
8a, b. ROOFS AND BRIDGES, DRAWING.—	Mr. Gilman
9a, b. ROOFS AND BRIDGES, THEORY.—	Mr. Gilman
10a, b. RAILROAD SURVEYING, THEORY.—	Mr. Paterson
11a. FIELD RAILROAD SURVEYING.—	Mr. Paterson
13c. HYDRAULICS.—	Mr. Hathaway
14a, b. STRUCTURAL DESIGN, THEORY.—	Mr. Shine
15a, b. STRUCTURAL DESIGN, DRAWING.—	Mr. Shine
16a, b. REINFORCED CONCRETE, THEORY.—	Mr. Gilman
21a. WATER SUPPLY AND SEWERAGE, THEORY.—	Mr. Paterson
22a. WATER SUPPLY AND SEWERAGE, DESIGN.—	Mr. Paterson
24b. ENGINEERING PROBLEMS.—	Mr. Schneider, Mr. Shine, Mr. Gilman
25c. PLANE AND TOPOGRAPHIC SURVEYING, THEORY AND PRACTICE.—	Mr. Paterson
30b. GRAVITY STRUCTURES.—	Mr. Gilman
31a. CONCRETE LABORATORY.—	Mr. Gilman
31b. REINFORCED CONCRETE, DESIGN.—	Mr. Gilman

ELECTRICAL ENGINEERING

The cooperative course in Electrical Engineering is completed in five years, the student working in the College of Engineering and Commerce one period of two or four weeks and in some phase of industry for the alternate period of two or four weeks. Every eight weeks, the student will have spent four weeks in the University and four weeks in some business enterprise. A description of the cooperative plan is given elsewhere in this Announcement.

During the first two years, the work in the University is chiefly in elementary mechanics, mathematics, physics, chemistry, and mechanical drawing, and forms a basis for more specialized work in later years. At the beginning of the third and Junior years, specialized work is taken up. Inasmuch as the professional electrical engineer needs a comprehensive knowledge of mechanical engineering, many of the technical subjects of the mechanical department are included in the electrical course. Thus steam engineering, gas engineering, hydraulic machinery, and machine design, with laboratory work and drawing, together with mechanics, are studied during the third, fourth, and fifth years.

COOPERATIVE PLAN

The cooperative students of electrical engineering follow many diverse lines of practical experience. It is hardly possible to discuss these activities in detail. But there is a general method underlying all forms of practical work, so that approximately the same degree of progressive development is obtained.

As a rule, Freshmen spend a year in some foundry or machine shop, for the purpose of becoming familiar with general shop practice and the conditions of labor. Those who take up manufacturing work, such as is offered by the Bullock Electric Company or the Triumph Electric Company, spend practically the first, second, and third years in the machine, controller, winding, and assembling departments. In this way, they become thoroughly familiar with the varied processes involved in the manufacture of electrical machinery, and with the details of shop organization. The fourth year is usually spent in testing direct current machinery, and the fifth year in the testing of alternating current machinery.

At present, a number of students are employed in telephone work. Their practical experience depends upon the operating conditions, and involves both inside and outside inspection, repair, testing, and construction.

Students of electrical engineering are also engaged in cooperative work with the local gas and electric company. The practical experience with this company is of a varied character, and depends largely upon the ability of the students.

ELECTRICAL ENGINEERING—COOPERATIVE PLAN

Subjects Required for the Degree of E. E.

See page 182 for subjects required previous to the beginning of the second summer.

SUBJECT	COURSE	EXERCISES PER ALTERNATE FOUR WEEKS		
		1st Sem.	2d Sem.	Summer
Second Summer Term				
Mathematics.....	Math. 5c.....			6
Electrical Lab.....	E. E. 5c.....			5

SUBJECT	COURSE	EXERCISES PER ALTERNATE FOUR WEEKS		
		1st Sem.	2d Sem.	Summer
Electrical Mechanisms.....	E. E. 12c.....			6
Elementary Electrical Design....	E. E. 6c.....			6
English.....	Eng. 42c.....			1
Military Science and Tactics.....	Mil. 2c.....			3

Third Year—Pre-Junior

Electrical Engineering.....	E. E. 1a, 9b.....	6	6
Electrical Lab.....	E. E. 5a, 5b.....	3	3
Mathematics.....	Math. 31a, 31b....	3	3
English.....	Eng. 53a, 53b....	3	3
Mechanics.....	Mech. 3a, 3b.....	6	6
English.....	Eng. 43a, 43b....	1	1
Physics Lab.....	Phys. 13a.....	2	
Heat Treatment.....	Met. E. 20a.....		2
Materials of Engineering.....	Ch. E. 42a, 42b..	1	1
*Military Science and Tactics....	Mil. 3a, 3b.....	2	2
Coordination.....	C. 33a, 33b.....	1	1

Third Summer Term

Electrical Engineering.....	E. E. 3c.....		12
Electrical Lab.....	E. E. 13c.....		4
Mechanical Lab.....	M. E. 18c.....		3
Cement Testing Lab.....	C. E. 7c.....		1
English.....	Eng. 43c.....		1
*Military Science and Tactics.....	Mil. 3c.....		2

Fourth Year—Junior

Steam Engineering.....	M. E. 11a, 11b...	6	6
Mechanical Lab.....	M. E. 18a, 18b...	2	2
Machine Design.....	M. E. 13a.....	6	
Machine Design.....	M. E. 14a.....	4	
Hydraulic Machinery.....	M. E. 27b.....		6
Coordination.....	C. 44a, 44b.....	3	3
Electrical Engineering.....	E. E. 3a, 3b.....	2	2
Electrical Design.....	E. E. 2b.....		3
English.....	Eng. 44a, 44b....	1	1
*Military Science and Tactics....	Mil. 4a, 4b.....	2	2
History.....	Hist. 74a, 74b....	3	3

SUBJECT	COURSE	EXERCISES PER ALTERNATE FOUR WEEKS		
		1st Sem.	2d Sem.	Summer
<i>Fourth Summer Term</i>				
Electrical Engineering.....	E. E. 4c.....			6
Thesis.....	E. E. 8c.....			4
Electrical Design.....	E. E. 2c.....			5
Surveying (Elementary).....	C. E. 3c.....			3
Electrical Lab.....	E. E. 7c.....			3
English.....	Eng. 44c.....			1
*Military Science and Tactics.....	Mil. 4c.....			2

Fifth Year—Senior

History.....	Hist. 75a, 75b....	6	6
Coordination.....	C. 45a, 45b....	3	3
Gas Engineering.....	M. E. 23a, 23b....	3	3
Power Station.....	E. E. 11a, 11b....	3	3
Telegraphy and Telephony.....	E. E. 14a, 14b....	3	3
Thesis.....	E. E. 8a, 8b....	2	5
Electrical Lab.....	E. E. 7a.....	3	
English.....	Eng. 45a, 45b....	1	1
*Military Science and Tactics.....	Mil. 5a, 5b....	2	2

ELECTRICAL ENGINEERING

PROFESSOR WILSON; ASSISTANT PROFESSORS HOFFMANN, OSTERBROCK, NORTON; INSTRUCTORS PFEIFFER, NOBLE, CREIGHTON

1. DIRECT CURRENT MACHINERY.— Mr. Wilson, Mr. Pfeiffer
2. ELECTRICAL DESIGN.— Mr. Hoffmann
3. ALTERNATING CURRENT MACHINERY.— Mr. Wilson, Mr. Hoffmann
4. ELECTRIC TRANSMISSION.— Mr. Wilson
5. ELECTRICAL ENGINEERING LABORATORY.—
Mr. Hoffmann, Mr. Osterbrock, Mr. Pfeiffer, Mr. Creighton
6. ELEMENTARY ELECTRICAL DESIGN.— Mr. Osterbrock
7. ADVANCED ELECTRICAL ENGINEERING LABORATORY.—
Mr. Hoffmann, Mr. Pfeiffer
8. THESIS.— Mr. Wilson

9. ALTERNATING CURRENTS.— Mr. Wilson, Mr. Pfeiffer
10. ILLUMINATION.—
11. ELECTRIC POWER STATIONS.— Mr. Hoffmann
12. ELECTRICAL MECHANISMS.— Mr. Osterbrock
13. ELEMENTARY LABORATORY.—For students during third summer.
Mr. Hoffmann, Mr. Pfeiffer
14. TELEGRAPHY AND TELEPHONY.— Mr. Wilson, Mr. Osterbrock
15. ELECTRICAL DESIGN (ADVANCED).—A continuation of Course 2.
Mr. Wilson, Mr. Osterbrock, Mr. Hoffmann
20. ELECTRICAL MACHINERY AND APPARATUS.—A general course for
civil and chemical engineers. Mr. Wilson
21. LABORATORY COURSE.—For civil and chemical engineers.
Mr. Hoffmann, Mr. Pfeiffer
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MECHANICAL ENGINEERING

This course offers training in the fundamental principles underlying the science of engineering, and specializes upon the design, construction, and operation of machinery. The growing tendency towards the development and introduction of mechanical processes and devices has extended the activities of the mechanical engineer into practically all branches of industry, and in order to meet the broad requirements of the profession it is essential that he be trained in the sciences of mathematics, physics, mechanics, chemistry, metallurgy, and electricity and in their applications to engineering.

The University of Cincinnati is situated in the heart of the great industrial district of the Middle West, in which there are numerous manufacturing establishments of international reputation. These large and diversified manufacturing interests offer exceptional opportunities to students and graduates in mechanical engineering.

COOPERATIVE COURSE

Cooperative students in mechanical engineering spend half of their time working in foundries, machine shops, power plants, and drafting

rooms; and in the time setting, heat treating, testing, repair, and planning departments of about forty manufacturing concerns engaged principally in the production of steam, gas, air, refrigerating, and automotive machinery and machine tools.

The first two years of the University work are devoted to fundamental courses in mathematics, physics, chemistry, drawing, and the mechanisms of machines. Inasmuch as the mechanical engineer comes into contact with all kinds of machinery and mechanical processes involving chemistry, electricity, metallurgy, and surveying, courses in these subjects are included in the curriculum. The third year is devoted to an elementary course in automotive engineering which correlates with the laboratory work on automobile and airplane motors; steam engineering in both classroom and laboratory; mechanics and strength of materials in both classroom and laboratory; and a metallurgical course in the heat treatment of materials. Electrical engineering subjects are introduced in the third summer and continued throughout the fourth year. Courses on steam turbines, graphics, and the construction of special slide rules and charts are also given in the third summer. The fourth year is devoted to machine design, electrical engineering, production engineering, hydraulic machinery, history, and economics. The summer following the fourth year is devoted to the study of valve gears, surveying, and special laboratory problems involving research. The fifth year is devoted to the more specialized courses in gas engineering, industrial engineering, machine tools, thermodynamics, history, and research.

The laboratory work in mechanical engineering covers steam engineering, gas engineering, machine tools, and the physical testing of materials. The laboratories are equipped with testing machines and special scientific apparatus for research purposes. The equipment also includes standard types of automobile and airplane motors; high speed and Corliss steam engines; steam turbines, stationary gas, oil, and gasoline engines; air compressors, machine tools, and refrigerating machinery. The University power plant, of 1200 horsepower, is arranged particularly for the testing of boilers.

MECHANICAL ENGINEERING—COOPERATIVE PLAN

Courses Required for the Degree of M. E.

See page 182 for subjects required previous to the beginning of the second summer.

SUBJECT	COURSE	EXERCISES PER ALTERNATE FOUR WEEKS		
		1st Sem.	2d Sem.	Summer
Second Summer Term				
Mathematics.....	Math. 5c.....			6
Mechanism.....	M. E. 6c.....			6
Drawing and Sketching.....	M. E. 7c.....			6

SUBJECT	COURSE	EXERCISES PER ALTERNATE FOUR WEEKS		
		1st Sem.	2d Sem.	Summer
Mechanical Lab.....	M. E. 18c.....			3
English.....	Eng. 42c.....			1
Military Science and Tactics.....	Mil. 2c.....			3

Third Year—Pre-Junior

Coordination.....	C. 43a, 43b.....	1	1	
Automotive Engineering.....	M. E. 5.....			3
Mathematics.....	Math. 35a.....	3		
Steam Engineering.....	M. E. 11a, 11b....	6	6	
Mechanics.....	Mech. 3a, 4b.....	6	6	
Mechanical Lab.....	M. E. 18a, 18b....	2	2	
Power Plant Inspection Trips....	M. E. 16a, 16b....	1	1	
English.....	Eng. 53a, 53b....	3	3	
Physics Lab.....	Phys. 13a.....	2		
Heat Treatment.....	Met. 20b.....		2	
Materials of Engineering.....	Ch. E. 42a, 42b....	1	1	
English.....	Eng. 43a, 43b....	1	1	
*Military Science and Tactics.....	Mil. 3a, 3b.....	2	2	

Third Summer Term

Electrical Lab.....	E. E. 5c.....			6
Graphics.....	M. E. 17c.....			9
Steam Turbines.....	M. E. 24c.....			4
English.....	Eng. 43c.....			1
*Military Science and Tactics.....	Mil. 3c.....			2

Fourth Year—Junior

Machine Design.....	M. E. 13a.....	6		
Machine Design.....	M. E. 14a, 19b....	4	4	
Electrical Engineering.....	E. E. 1a, 9b.....	6	6	
Electrical Lab.....	E. E. 5a, 5b.....	2	2	
Coordination.....	C. 44a, 44b.....	3	3	
History.....	Hist. 74a, 74b....	3	3	
Hydraulic Machinery.....	M. E. 27b.....		6	
English.....	Eng. 44a, 44b....	1	1	
*Military Science and Tactics.....	Mil. 4a, 4b.....	2	2	

Fourth Summer Term

Valve Gears.....	M. E. 22c.....			11
Experimental Engineering.....	M. E. 25c.....			5
English.....	Eng. 44c.....			1
Elementary Surveying.....	C. E. 3c.....			3
*Military Science and Tactics.....	Mil. 4c.....			2

*Elective

SUBJECT	COURSE	EXERCISES PER ALTERNATE FOUR WEEKS	
		1st Sem.	2d Sem.
Fifth Year—Senior			
Gas Engineering.....	M. E. 23a, 23b ...	3	3
Machine Shop Tools.....	M. E. 15a.....	6	
Experimental Engineering.....	M. E. 25a.....	2	
Thermodynamics.....	M. E. 21a, 21b ...	2	6
Engineering Design.....	M. E. 28a, 28b ...	4	2
Coordination.....	C. 45a, 45b.....	3	3
Thesis.....	M. E. 39b.....		4
English.....	Eng. 45a, 45b....	1	1
History.....	Hist. 75a, 75b....	6	6
*Military Science and Tactics.....	Mil. 5a, 5b.....	2	2

MECHANICAL ENGINEERING

PROFESSOR JENKINS; ASSISTANT PROFESSORS JOERGER, FIKRET, MESSINGER; INSTRUCTORS WOLSDORF, KNEBEL.

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| 5. AUTOMOTIVE ENGINEERING.— | Mr. Jenkins |
| 6. MECHANISM.— | Mr. Jenkins, Mr. Wolsdorf |
| 7. DRAWING AND SKETCHING.— | Mr. Jenkins, Mr. Wolsdorf |
| 11. STEAM ENGINEERING.— | Mr. Joerger, Mr. Wolsdorf |
| 12. STEAM ENGINEERING.—A special course for chemical and civil engineering students. | Mr. Wolsdorf |
| 13. MACHINE DESIGN.— | Mr. Jenkins |
| 14. MACHINE DESIGN.— | Mr. Jenkins, Mr. Wolsdorf |
| 15. MACHINE SHOP TOOLS.— | Mr. Jenkins |
| 16. POWER PLANT INSPECTION TRIPS.— | Mr. Joerger, Mr. Fikret |
| 17. GRAPHICS.— | Mr. Jenkins, Mr. Wolsdorf |
| 18. MECHANICAL ENGINEERING LABORATORY.— | Mr. Fikret |
| 19. MACHINE DESIGN.— | Mr. Jenkins, Mr. Wolsdorf |
| 20. MECHANICAL ENGINEERING LABORATORY.—For civil and chemical engineering students. | Mr. Fikret |
| 21. THERMODYNAMICS.— | Mr. Joerger |

*Elective

22. VALVE GEARS.—	Mr. Joerger
23. GAS ENGINEERING.—	Mr. Joerger
24. STEAM TURBINES.—	Mr. Joerger
25. EXPERIMENTAL ENGINEERING.—	Mr. Jenkins, Mr. Fikret
27. HYDRAULIC MACHINERY.—	Mr. Jenkins
28. ENGINEERING DESIGN.—	Mr. Jenkins, Mr. Joerger
30. HEATING AND VENTILATION.—	Mr. Joerger
39. THESIS.—	Mr. Jenkins, Mr. Joerger, Mr. Fikret

METALLURGICAL ENGINEERING

The aim of the course in Metallurgical Engineering is to provide the young engineer with a fundamental engineering training, together with some of the specialized scientific knowledge necessary for the successful pursuit of his chosen profession. A scientific metallurgical training combined with a basic understanding of mechanical and electrical engineering is essential to the engineer who may be called upon to consider or develop mining properties or metallurgical processes and plants.

Metallurgy as a science is advancing with tremendous strides, the production of metals being the country's basic industry. There is consequently an ever increasing demand for Metallurgical Engineers for plant construction and operation, development of natural resources, and the industrial preparation of metals and alloys.

The electric furnace serves as an example of but one of the highly technical developments in the metallurgical industry for the production of carbides, graphites and refractories; of nickel, aluminum, copper, and zinc; and of high speed steels and high melting alloys.

COOPERATIVE COURSE

Direct instruction in metallurgy is given by means of classroom and laboratory work, covering the general principles of the art, and their application to the manufacture and treatment of iron and steel, and to the recovery of the more common metals other than iron. The greatest emphasis is placed upon the application of the various metals and alloys to engineering construction, this training being gained by the study of the constitution of alloys, by chemical and physical tests of these materials, and by metallographic examination under the microscope.

The laboratories are equipped with the necessary furnaces, pyrometers, microscopes, and accessory apparatus for the instruction work involved in the general subjects, and for the more advanced study of a specialized and investigative nature, which occupies a prominent place in the later years of the course.

Since the metallurgical engineer is primarily interested in the chemistry of metals, chemistry occupies a prominent position in the course. Courses in mineralogy, crystallography, petrology, and geology are given as essentials to the locating and working of ore and mineral deposits.

Students in metallurgical engineering are placed in direct contact with the industries of this profession through cooperation between the University of Cincinnati and nearby metallurgical concerns. The cooperative system is described in detail under the title of Department of Coordination in this catalogue.

Direct specialization is obtained by placing the men in foundries, coke ovens, blast furnaces, steel plants and rolling mills, forge works, heat treatment departments, automobile factories, electro-metallurgical plants, and industries of like metallurgical interest.

METALLURGICAL ENGINEERING—COOPERATIVE PLAN

Courses Required for the Degree of Met. E.

See page 182 for subjects required previous to the beginning of the second summer.

		EXERCISES PER ALTERNATE FOUR WEEKS		
SUBJECT	COURSE	1st Sem.	2d Sem.	Summer
<i>Second Summer Term</i>				
Quantitative Analysis.....	Ch. E. 7c.....			15
Mathematics.....	Math. 5c.....			6
English.....	Eng. 42c.....			1
Military Science and Tactics.....	Mil. 2c.....			3

Third Year—Pre-Junior

Mechanics.....	Mech. 3a, 4b.....	6	6
Electrical Engineering.....	E. E. 20a.....	6	
Electrical Lab.....	E. E. 21a.....	2	
Steam Engineering.....	M. E. 12b.....		6
Mechanical Lab.....	M. E. 20b.....		2
Geology.....	Geol. 7a, 7b.....	4	4
English.....	Eng. 53a, 53b....	3	3
English.....	Eng. 43a, 43b....	1	1
Coordination.....	C. 13a, 13b.....	1	1
Metallurgical Calculations.....	Met. E. 3a, 3b....	4	4
*Military Science and Tactics.....	Mil. 3a, 3b.....	2	2

*Elective

SUBJECT	COURSE	EXERCISES PER ALTERNATE FOUR WEEKS		
		1st Sem.	2d Sem.	Summer
<i>Third Summer Term</i>				
English	Eng. 43c			1
Metallography Lectures	Met. E. 5c			3
Metallography Lab.	Met. E. 6c			4
Ferrous and Non-Ferrous Analyses	Met. E. 17c			8
*Military Science and Tactics.	Mil. 3c			2

Fourth Year—Junior

Physical Chemistry Lectures	Ch. E. 12a, 32b	5	5
Physical Chemistry Lab.	Ch. E. 13a, 33b	3	3
Technical Analysis	Ch. E. 17b		3
Metallurgy of Iron Lectures	Met. E. 7a	3	
Metallurgy of Iron Lab.	Met. E. 8a	2	
Non-Ferrous Metallurgy	Met. E. 9b		5
†Modern Language	Lang. 40a, 40b	5	5
English	Eng. 44a, 44b	1	1
*Military Science and Tactics	Mil. 4a, 4b	2	2

Fourth Summer Term

Metallurgical Design	Met. E. 11c		18
English	Eng. 44c		1

Fifth Year—Senior

English	Eng. 45a, 45b	1	1
Electro-Metallurgy	Met. 12a	3	
Electro-Metallurgy Lab.	Met. 13a	2	
Thesis	Met. E. 14a, 14b	3	6
Conference	Met. E. 15a, 15b	1	1
†Modern Language	Lang. 41a, 41b	5	5
*Military Science and Tactics	Mil. 5a, 5b	2	2

METALLURGY AND METALLURGICAL
ENGINEERING

PROFESSORS TOUR, GOETTSCH; ASSOCIATE PROFESSOR FARNAU;
ASSISTANT PROFESSORS SMITH, BOONE; INSTRUCTORS LANE, DETRAZ, OTTO

1a, b. ENGINEERING METALLURGY; ENGINEERING METALLURGY LAB-
ORATORY.—A course designed to give an introduction to the
metallurgical principles underlying the commercial produc-
tion of metals and alloys; and an explanation of their various

*Elective

†German is a requirement; French is optional.

mechanical and physical properties. *First and second semesters, second year.* Two lectures and one laboratory period a week. For civil, electrical, mechanical, chemical, and metallurgical engineers. Mr. Boone and assistants

Prerequisite: C. E. 20; M. E. 4; Ch. E. 3b, 4b

3a, b. METALLURGICAL CALCULATIONS.—Mathematical treatment of blast furnace, open hearth, Bessemer and stack construction. Metallurgical thermochemistry. Mr. Detraz

Prerequisite: Ch. E. 3b, 4b; Met. E. 1a

5c, 6c. METALLOGRAPHY.—Thermal investigation to verify the iron-carbon equilibrium diagram, and a microscopic study of the constitution of steel. *Third year, summer term.* Five lectures and five laboratory periods. Mr. Boone

Prerequisite: Ch. E. 12a, 13a; Met. E. 3a, 3b

7a, 8a. METALLURGY OF IRON AND STEEL; METALLURGY OF IRON AND STEEL LABORATORY.—*First semester, fourth year.* Five lectures and two laboratory periods a week. Mr. Boone

Prerequisite: Met. E. 3a, 3b, 5c, 6c

17c. FERROUS AND NON-FERROUS ANALYSES.—Complete analyses of steels, brasses, babbitts, bronzes, and lead. Three lectures and five laboratory periods a week. Mr. Boone

Prerequisite: Met. E. 3a, 3b

11c. METALLURGICAL DESIGN.—A definite problem involving the design of some item of metallurgical equipment to be completed in the form of working drawings. *Summer term, fourth year.*

Mr. Smith, Mr. Boone, Mr. Lane, Mr. Detraz

Prerequisite: M. E. 13, 14

12a, 13a. ELECTRO-METALLURGY; ELECTRO-METALLURGY LABORATORY.—Construction and operation of various types of electric furnaces used in metallurgical industries. *First semester, fifth year.* Three lectures and two laboratory periods a week.

Prerequisite: Met. E. 7a, 8a

Mr. Boone

14a, b. THESIS.—

Mr. Tour, Mr. Boone, Mr. Detraz

15a, b. CONFERENCE.—

Mr. Boone

20b. HEAT TREATMENT.—*Second semester, third year.* Two laboratory periods a week. For mechanical engineers. Mr. Detraz

THE COOPERATIVE SYSTEM IN COMMERCE

PLAN OF INSTRUCTION

In recent years there has been a growing demand for commercial training which should include a knowledge of engineering. Business men, most of whom are concerned with either the management or the financing of industrial projects, have felt increasingly the need of a technical background. Experience has shown that engineers, on the other hand, frequently enter administrative positions in which their technical training must be supplemented by a knowledge of commercial subjects. In order that students may be equipped upon graduation to work towards managerial positions, a course has been devised which provides a twofold kind of training. That is, as a prerequisite to his studies in economics, finance, marketing, accounting, and other commercial subjects, the student is given a certain amount of instruction in the fundamental sciences on which engineering is based.

In the Department of Commerce, as in the engineering departments, the instruction is given on the cooperative plan. Under this arrangement, the student spends alternate two or four-week periods at work in various business establishments in and near Cincinnati. During the first two years of the course, emphasis is placed on production, and the student obtains experience in one of the electrical, chemical, or mechanical manufacturing plants. Here he studies at first hand problems of administration, machinery, shop layout, internal transportation, and other phases of production. In the later years of his course, the student is transferred either to the sales and administrative offices of the manufacturing firm with which he has been employed, or to other business organizations in which he can find practical applications for his commercial studies. He is also encouraged towards the end of his course to specialize in accounting, traffic, sales, or other commercial work. The scale of wages is practically the same as for engineering students in the corresponding period. Much, however, depends upon the ability and interest shown by the individual student.

The curriculum of the course is arranged to meet the three main problems of management, namely: production, financing, and marketing. The manager of any business is at one time or another concerned with all of these problems. He must know something of the production process in general and in his business in particular. Since his business must be financed with fixed and working capital, he must know something of the financial institutions and of the principles of corporate finance. Further, in the marketing of his product he must know something of commercial geography, trade routes, tariffs, marketing methods, and channels of trade.

Production is in the main based upon the fundamental sciences. Therefore, chemistry, physics, mathematics, and mechanics constitute the main theoretical material for the study of this phase of the manager's problems.

The first two years' work is devoted to these subjects. For a description of the methods of teaching these courses see pages 178 to 182.

The last three years of the course are devoted to a study of the problems of financing and marketing. These terms must be interpreted broadly as including all the relationships involved in the conduct of business aside from the purely internal technical processes of production. Such an interpretation recognizes the dependence of the business manager upon modern business institutions. In the financing of his project and the marketing of his product, the manager is confronted with a highly complex industrial scheme made up of many kinds of institutions. In order to utilize his own equipment most effectively he must understand much more than the immediate transactions of purchase and sale entered into with other persons and corporations. He must go further and analyze the institutions of which he and they are a part. He must understand the interrelationships involved, the part each plays in the whole industrial scheme. This is essential in order to enable him to determine policies affecting all phases of his business.

In order to furnish this broad insight into the modern industrial system, considerable stress is laid in this course upon economic theory, history, commercial geography, and literature. These courses are closely coordinated, so as to give a grasp of the evolutionary character of social institutions and forces.

In addition to this broad knowledge of industry and civilization in general, a considerable technical knowledge of specific institutions and business practices is required. Accordingly, a knowledge of statistics, accounting, banking, finance, commercial law, and marketing methods is fundamental.

COMMERCE—COOPERATIVE PLAN

Courses Required for the Degree of Com. E.

See page 182 for subjects required previous to the beginning of the second summer.

SUMMER.		EXERCISES PER ALTERNATE FOUR WEEKS		
SUBJECT	COURSE	1st Sem.	2d Sem.	Summer
Second Summer Term				
English	Eng. 62c			6
Economics	Econ. 49c			6
Accounting	Acct. 49c			6
Third Year				
Principles of Economics	Econ. 50a, 50b, 50c . .	5	5	5
Principles of Accounting	Acct. 50a, 50b, 50c . .	5	5	5
Language	Lang. 50a, 50b, 50c . .	5	5	5
History	Hist. 50a, 50b	3	3	

SUBJECT	COURSE	EXERCISES PER ALTERNATE FOUR WEEKS		
		1st Sem.	2d Sem.	Summer
Geography	Geog. 50a, 50b	5	5	
Coordination	C. 23a, 23b	1	1	
English	Eng. 63a, 63b, 63c	1	1	1
*Military Science and Tactics	Mil. 3a, 3b, 3c	2	2	2

Fourth Year

Money	Fin. 51a	5		
Banking	Fin. 51b		5	
Statistics	Econ. 51a, 51b	3	3	
Language	Lang. 51a, 51b, 51c	3	3	5
Cost Accounting	Acct. 51a, 51b, 51c	2	2	3
History	Hist. 51a, 51b	3	3	
Transportation	Mark. 51a, 51b	3	3	
Geography	Geog. 51a, 51b, 51c	3	3	5
English	Eng. 64a, 64b, 64c	1	1	1
Coordination	C. 24a, 24b	1	1	
Foreign Exchange	Fin. 51c			5
*Military Science and Tactics	Mil. 4a, 4b, 4c	2	2	2

Fifth Year

REQUIRED SUBJECTS:

Marketing, Methods and Problems	Mark. 52a, 52b	5	5	
Corporation Finance and Investment	Fin. 52a	5		
Public Finance	Fin. 52b		5	
Commercial Law	Com. Law. 52a	3		
English	Eng. 65a, 65b	1	1	
Coordination	C. 25a, 25b	1	1	
Labor	Econ. 52b		3	

ELECT TWO OF THE FOLLOWING SUBJECTS:

Accounting Problems	Acct. 52a, 52b	2	2	
Finance Problems	Fin. 65a, 65b	2	2	
Geography	Geog. 52a, 52b	2	2	
History	Hist. 52a, 52b	2	2	

ACCOUNTING

PROFESSOR STEVENSON, MR. FACKLER, MR. RIBBINK

49c. ELEMENTS OF ACCOUNTING.

*Elective

50a, b, c. PRINCIPLES OF ACCOUNTING

51a, b, c. COST ACCOUNTING

52a, b. ACCOUNTING PROBLEMS

ECONOMICS

PROFESSOR WHALING

50a, b, c. PRINCIPLES OF ECONOMICS

51a, b, c. STATISTICS

52b. LABOR

FINANCE

PROFESSOR WHITNEY

51a. MONEY

51b. BANKING

51c. FOREIGN EXCHANGE

52a. CORPORATION FINANCE AND INVESTMENT

52b. PUBLIC FINANCE

65a, b. FINANCIAL PROBLEMS OF THE BUSINESS MANAGERS

GEOGRAPHY

PROFESSOR FENNEMAN; ASSISTANT PROFESSOR CASE

50a. THE PHYSICAL BASIS OF GEOGRAPHY

50b. CLIMATOLOGY AND WORLD SURVEY

50c, 51a. INDUSTRIAL GEOGRAPHY

51b, c. PRINCIPLES OF TRADE AND TRANSPORTATION

52a, b. GEOGRAPHY OF ASIA

HISTORY

PROFESSOR McGRANE; INSTRUCTOR MUHLBACH

50a, b. HISTORY OF ENGLAND AND THE BRITISH EMPIRE

51a. INDUSTRIAL AND SOCIAL HISTORY OF MODERN EUROPE

- 51b. ECONOMIC HISTORY OF THE UNITED STATES
- 52a. HISTORY OF THE SPANISH SPEAKING PEOPLES
- 52b. PROBLEMS OF THE ORIENT

MARKETING

INSTRUCTOR MUHLBACH

- 51a, b. TRADE AND TRANSPORTATION
- 52a, b. MARKETING METHODS AND PROBLEMS

FOREIGN LANGUAGE

*SPANISH

INSTRUCTOR EBERHARDT

- 50a, b, c. SPANISH
- 51a, b, c. SPANISH

ENGLISH

(Special for Commerce Students)

PROFESSOR PARK; INSTRUCTORS WABNITZ, BENGERT

- 62c. LITERATURE
- 63a. JOURNALISM
- 63b. BUSINESS CORRESPONDENCE
- 63c. BUSINESS CORRESPONDENCE
- 64a. PUBLIC SPEAKING
- 64b. ARGUMENTATION
- 64c. ABSTRACTS AND REVIEWS
- 65a. REPORT WRITING
- 65b. REPORT WRITING

*NOTE.—For the courses to be given in French, German, and Chinese the same method of approach will be followed as has been outlined for Spanish.

COMMERCIAL LAW

52a, b. COMMERCIAL LAW

SPECIAL COURSES IN ENGINEERING

Special courses for young men who have had practical experience in some branch of engineering and who desire to become more efficient in the advanced theory of their work, are arranged by the Dean of the College of Engineering and Commerce, and every facility is offered to enable such men to obtain the special work which they desire without their being candidates for the engineering degree.

GENERAL COURSES OF INSTRUCTION

DRAWING

1a, b, c. DESCRIPTIVE GEOMETRY AND GRAPHIC STATICS.—

Mr. Kindle, Mr. Lane, Mr. Hathaway, Mr. Noble, Mr. Miller, Mr. Justice, Mr. Anderegg, Mr. Knebel

2a, b. ENGINEERING DRAWING.—

Mr. Smith, Mr. Shine, Mr. Osterbrock, Mr. Hundley, Mr. Salkover

ENGLISH

In the following courses, except English 53, inspection-trips, laboratory, and special reports are written under the direction of the Department of English. One hour of credit is given for the work of each semester and for that of each summer term. Written criticism of reports is supplemented by conferences, and, in the first year, by lectures on the principles of English composition. Conference and recitation hours are to be arranged.

41a, b, c. FIRST-YEAR REPORTS AND CONFERENCES.—

Mr. Park, Mr. Bengert, Mr. Wabnitz, Mr. Drach

42a, b, c. SECOND-YEAR REPORTS AND CONFERENCES.—

Mr. Park, Mr. Wabnitz, Mr. Drach

43a, b, c. THIRD-YEAR REPORTS AND CONFERENCES.—

Mr. Park, Mr. Wabnitz, Mr. Drach

- 53a, b. JOURNALISM.—(For third-year cooperative students.)
Mr. Park, Mr. Bengert, Mr. Wabnitz, Mr. Drach
- 44a, b, c. FOURTH-YEAR REPORTS AND CONFERENCES.—
Mr. Park, Mr. Wabnitz, Mr. Drach
- 45a, b, c. FIFTH-YEAR REPORTS AND CONFERENCES.—
Mr. Park, Mr. Wabnitz, Mr. Drach

The courses listed below are given for commercial students in the second, third, fourth, and fifth years, as indicated by the numbers 62, 63, 64, and 65 respectively.

- 62c. LITERATURE
- 63a. JOURNALISM
- 63b, c. COMMERCIAL CORRESPONDENCE
- 64a. PUBLIC SPEAKING
- 64b. ARGUMENTATION
- 64c. ABSTRACTS AND REVIEWS
- 65a, b. REPORT WRITING

*GEOLOGY AND GEOGRAPHY

- 2a, b. ENGINEERING GEOLOGY.—Lectures and laboratory.
Mr. von Schlichten
- 7a, b. MINERALOGY.—Lectures and laboratory.
Mr. von Schlichten
- 25a, b. MINERALOGY FOR ENGINEERS.—
Mr. von Schlichten
- 50c, 51a. INDUSTRIAL GEOGRAPHY.—
Mr. Case
- 51b, c. PRINCIPLES OF TRADE AND TRANSPORTATION.—
Mr. Case
- 52a, b. GEOGRAPHY OF ASIA.—
Mr. Case

†GERMAN, FRENCH, OR SPANISH

40. ELEMENTARY GERMAN.—For students in Chemical Engineering.
Mr. Eberhardt
41. SECOND-YEAR GERMAN.—For students in Chemical Engineering.
Mr. Eberhardt

*NOTE.—For courses in Geography for Commerce students, see page 208

†NOTE.—For languages for students in Commercial Engineering, see page 209.

HISTORY

- 50a, b. **HISTORY OF ENGLAND AND THE BRITISH EMPIRE.**—The purpose of this course is to present a general survey of the development of the English nation from the earliest times to the present. Special emphasis will be laid on the social and economic movements, with a view towards a better understanding of present day issues within the British Empire. Mr. McGrane
- 51a. **INDUSTRIAL AND SOCIAL HISTORY OF MODERN EUROPE.**—A study of the main economic and social problems of modern France, Italy, Germany, and Russia. Mr. Muhlbach
- 51b. **ECONOMIC HISTORY OF THE UNITED STATES.**—A study of the economic development of the United States from the colonial times to the present. Special emphasis will be laid upon the westward movement; rise of manufactures; problems of transportation and trade; banking; labor problems. Mr. McGrane
- 52a. **HISTORY OF THE SPANISH SPEAKING PEOPLES.**—An outline study of Mexico and the Central and South American states with a view towards a better understanding of the life and customs of these peoples and the economic, political, and social issues of the several states.
- 52b. **PROBLEMS OF THE ORIENT.**—Selected topics dealing with the economic and social problems of India, China, and Japan.
- 74a, b. **MEDIEVAL AND MODERN HISTORY.**—An historical survey of the progress of man and of nations from the earliest times to the present day. Mr. McGrane
- 75a, b. **THE DEVELOPMENT OF THE AMERICAN NATION.**—A survey course of United States history since the adoption of the constitution. Particular emphasis is laid on the period since the Civil War. Mr. McGrane

MATHEMATICS

- 1a, b, c. **TRIGONOMETRY; ALGEBRA; PLANE AND SOLID ANALYTIC GEOMETRY.**—
Mr. Kindle, Mr. Lane, Mr. Hathaway, Mr. Noble, Mr. Miller, Mr. Justice, Mr. Anderegg, Mr. Knebel
- 5a, b, c. **CALCULUS, DIFFERENTIAL AND INTEGRAL.**—
Mr. Brand, Mr. Smith, Mr. Shine, Mr. Osterbrock, Mr. Salkover

- 30a, b. MATHEMATICAL ANALYSIS.—Infinite series; Taylor's Expansion; partial and total derivatives; theory of errors and method of least squares; empirical curves; graphical computation. For students in civil engineering. Mr. Smith
- 31a, b. MATHEMATICAL ANALYSIS.—Infinite series; Taylor's Expansion; elementary forms of Fourier's Series; complex quantities; hyperbolic functions, partial derivatives; multiple integrals; differential equations; empirical curves. For students in electrical engineering. Mr. Kindle
- 35a. CALCULUS AND DIFFERENTIAL EQUATIONS.—Infinite series; Taylor's Expansion; partial and total derivatives; multiple integrals; differential equations. For students in mechanical engineering. Mr. Salkover

MECHANICS

- 1a, b, c. STATICS.—
Mr. Kindle, Mr. Lane, Mr. Hathaway, Mr. Noble, Mr. Miller, Mr. Justice, Mr. Anderegg, Mr. Knebel
- 2a, b. KINEMATICS AND DYNAMICS.—
Mr. Brand, Mr. Smith, Mr. Shine, Mr. Osterbrock, Mr. Salkover
- 3a. TECHNICAL MECHANICS.— Mr. Hundley
- 4b. STRENGTH OF MATERIALS.— Mr. Hundley
- c. E. 17a, b. ANALYSIS OF STATICALLY INDETERMINATE STRUCTURES.—
Mr. Brand
- 100a, b. VECTORIAL MECHANICS.— Mr. Brand
- 101a, b. THEORY OF ELASTICITY.— Mr. Brand

PHYSICS

- 1a. GENERAL PHYSICS.— Mr. Gowdy, Mr. Alexander
- 21b. GENERAL PHYSICS.— Mr. Gowdy, Mr. Alexander
- 2a. EXPERIMENTAL PHYSICS.—Laboratory work arranged to accompany Course 1a. Mr. Lorenz, Mr. Raub
- 22b. EXPERIMENTAL PHYSICS.—Laboratory work arranged to accompany Course 21b. Mr. Lorenz, Mr. Alexander. Mr. Raub
- 13b. ELECTRICAL MEASUREMENTS.—Laboratory exercises with instruments of precision. Mr. Alexander, Mr. Raub

RESERVE OFFICERS TRAINING CORPS

PROFESSOR GUTHRIE; ASSISTANT PROFESSORS MAYNARD, HERMAN, GIBSON, HARDING, GREEN

Two years of military training in the Reserve Officers' Training Corps is required of all physically fit male students in the College of Engineering and Commerce. This training consists of five hours a week or approximately 108 hours a year for the first two years, and is known as the Basic Course.

At the completion of the first two years' course, the government offers an advanced course of approximately 360 hours which can be covered in three years at five hours a week. This advanced course is selective and voluntary, and includes a summer camp after graduation. One selecting the advanced course must agree to attend this summer camp, at the conclusion of which the student is given a commission as Second Lieutenant in the Officers' Reserve Corps, provided he has attained the proper degree of excellence in the military training.

The government furnishes uniforms and all equipment and material necessary to carry on the course of instruction.

A student enrolling for the advanced course will be paid commutation of rations at the prescribed rate a day (at the present forty [\$0.40] cents), for two years.

Units of Engineering and Coast (heavy) Artillery are established. Metallurgical, chemical, and civil engineering students enroll in the Engineering Unit. Mechanical, electrical, and commercial engineering students enroll in the Coast (heavy) Artillery Units. This arrangement will be modified next September, due to the establishment of an Ordnance Unit in the advanced course.

The first year of the basic course is training common to all arms. The second year is devoted two thirds to common training and one third to the special unit (Engineers or Coast [heavy] Artillery). The basic training for the Ordnance Unit will be that of this Coast Artillery Unit. Throughout the advanced course the training is nearly all devoted to the special unit, only sufficient common training being given to permit the upper classmen to be selected as cadet officers.

The object of the training is to qualify graduates for commission in the Officers' Reserve Corps, who can be called to the colors as commissioned officers of the army in case of hostilities or threatened hostilities.

EVENING COURSES IN COMMERCE

ADMINISTRATIVE OFFICERS

FREDERICK CHARLES HICKS, PH.D.	President of the University Office, 10 McMicken Hall
HERMAN SCHNEIDER, SC.D.	Dean of the College of Engineering and Office, Engineering Building Commerce
DANIEL LAURENCE, B.S.	Secretary and Business Manager of the University Office, 4 McMicken Hall
CHARLES ALBERT READ, A.B.	Librarian of the University Office, Van Wormer Library Building
LELIA G. HARTMAN, B.L.	Registrar of the University Office, 7 McMicken Hall
GEORGE W. BURNS, LL.B.	Assistant Dean, College of Engineering and Office, 116 Engineering Building Commerce
VINCENT H. DRUFNER, B.S.C.E.	Supervisor, Evening Courses in Office, 116 Engineering Building Commerce
ANNA TEASDALE	Secretary, College of Engineering and Commerce Office, Engineering Building

STAFF LECTURERS

LOUIS BRAND, PH.D., E.E.	Professor of Mathematics
CLYDE W. PARK, A.M.	Professor of English
RUSSELL A. STEVENSON, PH.D.	Professor of Accounting
HEISKELL B. WHALING, PH.D.	Professor of Economics
NATHANIEL R. WHITNEY, PH.D.	Professor of Finance
HOWELL M. GANO, B.S., M.E.	Assistant Professor of Industrial Management
BERL G. GRAHAM, C.P.A.	Lecturer on Accounting
GEORGE W. TRUMBULL	Lecturer on Accounting
JOHN J. BECKER	Lecturer on Accounting
RICHARD H. FUNKE	Lecturer on Management
BERTRAM W. JENKINS, A.B.	Lecturer on Business English
RICHARD M. ATKINS	Lecturer on Credits and Collections
T. J. GEISLER	Lecturer on Finance
H. FREDERICK KOENIG, JR., CH.E., B.C., LL.B.	Lecturer on Commercial Law
THOMAS J. MOORE	Lecturer on Advertising
F. M. RENSHAW	Lecturer on Traffic Management
CLARENCE W. FACKLER, A.B.	Lecturer on Economics
ALFRED RIBBINK, B.S.C.	Lecturer on Accounting
WAYNE W. CALHOUN	Lecturer on Advertising
J. R. EDWARDS	Lecturer on Finance
W. A. R. BRUEHL, JR., CH.E.	Lecturer on Life Insurance
R. R. WASON	Lecturer on Marketing

J. H. LATCHFORD.....	Lecturer on Marketing
JOHN B. SPILKER, LL.B.....	Lecturer on Real Estate
PAUL GREGORY CLOUD, LL.B.	Lecturer on Real Estate
T. J. McLAUGHLIN.....	Assistant in Transportation
E. J. BAUER.....	Assistant in Accounting

PURPOSE

The College of Engineering and Commerce offers an evening session in Commerce for the special benefit of those who are unable to avail themselves of the day classes.

ADMISSION

Persons desiring to take the evening courses in commerce may enter as degree students, certificate students, or as special students. Application should be made to the Dean of the College of Engineering and Commerce, University of Cincinnati.

DEGREE STUDENTS

REQUIREMENTS FOR ADMISSION

Candidates for a degree must be at least sixteen years of age and must present fifteen units, to be distributed as follows:

English.—Three units

Algebra.—One unit

History.—One unit

In addition to these specific requirements the candidate must offer seven units from the following: English, mathematics, language, history, physics, chemistry, zoology, botany, physical geography, commercial geography, astronomy, physiology, plane geometry, or solid geometry.

The remaining three units shall constitute a "free margin;" that is, the University will accept any three units which the secondary schools themselves credit towards graduation.

CERTIFICATE AND SPECIAL STUDENTS

Persons at least twenty years of age and qualified to do university work may be admitted as certificate or special students to the evening courses in commerce. They are required to furnish documentary evidence to the Dean of the College of Engineering and Commerce, and to satisfy the heads of the departments concerned of their ability to carry on successfully the courses which they desire to enter.

Before any certificate or special student may become a candidate for a degree he must satisfy the entrance requirements. All certificate and special students are amenable to the same regulations as apply to degree students in matters of examination, probation, discipline, etc.

ADVANCED STANDING

Students desiring advanced standing in any course are required to pass an examination on the subject-matter of that course.

PLAN OF INSTRUCTION

The following types of evening courses are offered by the College of Engineering and Commerce:

1. A degree course, upon the completion of which the student is awarded the degree of Bachelor of Science in Commerce.
2. Certificate courses, upon the completion of which the student is awarded a certificate.
3. Special courses for men and women who desire specialized knowledge in one or more subjects.

DEGREE COURSE

The College of Engineering and Commerce (Evening Courses), in cooperation with the College of Liberal Arts, offers a course in general business leading to the degree of Bachelor of Science in Commerce.

The student can complete this course in six years—two years of day work in the College of Liberal Arts and four years of evening work in the College of Engineering and Commerce. The college requirements for this degree are 124 credit hours, 64 credit hours to be taken in the College of Liberal Arts, and 60 credit hours to be taken in the College of Engineering and Commerce (Evening Courses). Not more than 35 credit hours for which a grade of "D" has been given may be counted towards a degree. No credits are allowed for business experience. A detailed statement of the required and elective subjects for this course will be furnished upon request.

CERTIFICATE COURSES

The following certificate courses are offered: general business, accounting, advertising, finance, credits and collections, marketing, management, real estate, and traffic management. The majority of these courses require three years of evening work, three evenings a week, for their completion*; several of the courses require but two years. Upon the satisfactory completion of the subjects in one of the certificate courses the student is awarded a certificate.

The certificate courses are designed for two classes of students: for those young men and women who are over twenty years of age and are already employed in the particular division of business in which they desire to specialize and who desire to prepare themselves for advancement in that field; and for high school graduates, over seventeen years of age, both

*A student may register for two subjects a year instead of three subjects, as outlined

men and women, who are unable to attend the day University classes, but who wish to continue the study of those subjects which will best fit them for success in a chosen field.

In the curriculum for the various certificate courses great stress is placed upon the fact that to be successful in any special field of business the student must have a knowledge not only of the principles and technique of his particular subject, but must be conversant with the general structure and operation of the business world as a whole. Therefore, fundamental subjects, such as economics, business organization, elements of finance, commercial law, and business English are included in the curricula of nearly all certificate courses.

CURRICULA OF CERTIFICATE COURSES

(For a detailed description of the courses named below the student is referred to pages 223-225 of this announcement.)

General Business

1st Year

Required Subjects:

Economics 60—Principles of Economics

Accounting 6—Elements of Accounting

One of the following subjects to be elected:

Business English 1

Business Mathematics 1—Mathematical Theory of Investment

2d Year

Required Subjects:

Management 1—Business Organization

Finance 1—Elements of Finance

One of the following subjects to be elected:

Business Mathematics 1—Mathematical Theory of Investment

Commercial Law 1—Elements of Business Law

Credits and Collections 1—Elementary Credits and Collections

Advertising 1—Principles of Advertising

3d Year

Required Subject:

Marketing 1—Marketing Methods

Two of the following subjects to be elected:

Statistics 1—Statistical Principles and their Application

Advertising 1—Principles of Advertising

Marketing 2—Sales Management and Salesmanship

Marketing 4—Retail Management

Transportation 1—Elementary Traffic Management
 Finance 2—Corporation Finance
 Finance 3—Investments

Accounting

Prerequisite Course: Bookkeeping 1 or its equivalent

1st Year

Accounting 1—Principles of Accounting
 Economics 60—Principles of Economics
 Commercial Law 1—Elements of Business Law

2d Year

Accounting 2—Advanced Accounting
 Business English 1
 Finance 2—Corporation Finance

3d Year

Accounting 3—Cost Accounting
 Statistics 1—Statistical Principles and Their Application
 Management 1—Business Organization

Post-Certificate Course in Accounting

Accounting 4—Auditing
 Accounting 5—C. P. A. Quiz Course
 Commercial Law 4—Law of Business Organization and C. P. A. Quiz Course

Advertising

1st Year

Advertising 1—Principles of Advertising
 Business English 1
 Marketing 1—Marketing Methods

2d Year

Advertising 2—Advertising Campaigns
 Management 1—Business Organization
 Economics 60—Principles of Economics

3d Year

Advertising 3—Applied Advertising
 Statistics 1—Statistical Principles and Their Application
 Finance 1—Elements of Finance

Finance

1st Year

Finance 1—Elements of Finance

Economics 60—Principles of Economics

Commercial Law 1—Elements of Business Law

2d Year

Finance 2—Corporation Finance

Accounting 6—Elements of Accounting

Business Mathematics 1—Mathematical Theory of Investment

3d Year

Finance 3—Investments

Business English 1

Statistics 1—Statistical Principles and Their Application

Credits and Collections

1st Year

Credits and Collections 1—Elementary Credits and Collections

Economics 60—Principles of Economics

Business English 1

2d Year

Credits and Collections 2—Credit and Collection Problems

Commercial Law 1—Elements of Business Law

Finance 1—Elements of Finance

Management

1st Year

Management 1—Business Organization

Economics 60—Principles of Economics

Business English 1

2d Year

Management 3—Principles of Production Management

Accounting 3—Cost Accounting

Statistics 1—Statistical Principles and Their Application

3d Year

Management 2—Purchase and Storing of Materials

Management 4—Production Control

Management 5—Labor Management

Marketing

1st Year

Marketing 1—Marketing Methods
Economics 60—Principles of Economics
Business English 1

2d Year

Marketing 2—Sales Management and Salesmanship
Statistics 1—Statistical Principles and Their Application
Advertising 1—Principles of Advertising

3d Year

Marketing 3—Problems in Marketing or
Marketing 4—Retail Management
Commercial Law 1—Elements of Business Law
Finance 1—Elements of Finance

Real Estate

1st Year

Real Estate 1—Principles of Real Estate
Economics 60—Principles of Economics
Commercial Law 1a—Elements of Business Law—first semester
Commercial Law 2b—Law of Real and Personal Property—second semester

2d Year

Real Estate 2—City Planning and Zoning
Real Estate 3—Advanced Real Estate
Finance 1—Elements of Finance

Traffic Management

1st Year

Transportation 1—Elementary Traffic Management
Economics 60—Principles of Economics
Business English 1

2d Year

Transportation 2—Advanced Traffic Management
Management 1—Business Organization
Commercial Law 1—Elements of Business Law

3d Year

Transportation 3—Transportation Law

Finance 1—Elements of Finance

Marketing 1—Marketing Methods

SPECIAL COURSES

The individual courses given in any of the certificate courses are open to men and women who are over twenty years of age, and who have the prerequisite requirements for the courses selected. For a description of the courses offered see pages 223-225 of this announcement.

THE EVENING COMMERCE CLUB

The Evening Commerce Club of the University of Cincinnati was organized in 1912.

The purpose of the club is to promote the interests of the students. Monthly meetings are held, at which prominent business men speak upon vital subjects of universal interest. All members are also encouraged to take part in the various social activities sponsored by the club. These gatherings provide an opportunity for meeting in an intimate way the faculty and many fellow students, and for forming valuable business acquaintances for the future. All students who are enrolled in the College of Engineering and Commerce are eligible for membership.

COURSES OF INSTRUCTION

ACCOUNTING

BOOKKEEPING 1.—This course, or its equivalent, is a prerequisite for Accounting 1. No university credits are allowed for this course.

ACC. 1. PRINCIPLES OF ACCOUNTING.—Two terms, four credits.

Prerequisite: Bookkeeping 1 or its equivalent

ACC. 2. ADVANCED ACCOUNTING.—Two terms, four credits.

Prerequisite: Accounting 1

ACC. 3. COST ACCOUNTING.—Two terms, four credits.

ACC. 4. AUDITING.—Two terms, four credits.

Prerequisite: Accounting 2

ACC. 5. C. P. A. QUIZ COURSE.—Admission to this course is largely by permission of the lecturer. In general, however, only students who have completed the certificate course in accounting or practicing accountants are admitted. Two terms, four credits.

ACC. 6. ELEMENTS OF ACCOUNTING.—The instruction provided in this course is particularly valuable for those students who do not intend to specialize in accounting but who desire to be able to interpret financial statements. It is required in the general business and finance certificate courses. Two terms, four credits.

ADVERTISING

ADV. 1. PRINCIPLES OF ADVERTISING.—Two terms, four credits.

ADV. 2. ADVERTISING CAMPAIGNS.—Two terms, four credits.

Prerequisite: Advertising 1 or its equivalent

COMMERCIAL LAW

COM. LAW 1. ELEMENTS OF BUSINESS LAW.—Two terms, four credits.

COM. LAW 2b. LAW OF REAL AND PERSONAL PROPERTY.—Second semester.
This course is given particularly for students in the real estate certificate course. However, the course is open to any one who has completed Commercial Law 1. One term, two credits.

COM. LAW 4. LAW OF BUSINESS ORGANIZATION AND C.P.A. QUIZ COURSE.—
Two terms, four credits.

Prerequisite: Commercial Law 1

CREDITS AND COLLECTIONS

C. AND C. 1. PRINCIPLES OF CREDITS AND COLLECTIONS. — Two terms,
four credits.

ECONOMICS

ECON. 60. PRINCIPLES OF ECONOMICS.—This is an important course for all students, and is a *required subject* in all certificate courses. Special students are strongly urged to register for this course in their first year.

ENGLISH

BUS. ENG. 1.—Two terms, four credits.

FINANCE

FIN. 1. ELEMENTS OF FINANCE.—Two terms, four credits.

FIN. 2. CORPORATION FINANCE.—Two terms, four credits.

FIN. 3. INVESTMENTS.—Two terms, four credits.

LIFE INSURANCE

LIFE INS. 1. LIFE INSURANCE IN PRINCIPLE AND PRACTICE.—Two terms,
four credits.

MANAGEMENT

MANAGEMENT 1. BUSINESS ORGANIZATION.—Two terms, four credits.

MANAGEMENT 3. PRINCIPLES OF PRODUCTION MANAGEMENT. — Two
terms, four credits.

MARKETING

First Year

- MARK. 1. MARKETING METHODS.—This is the fundamental course in marketing. It is given particularly for students desiring instruction in any phase of marketing—salesmanship, advertising, or transportation. The instruction given, however, is also of great value to the student of general business. Two terms, four credits
- MARK. 2. SALES MANAGEMENT AND SALESMANSHIP. — Two terms, four credits.

MATHEMATICS

- BUS. MATH. 1. MATHEMATICAL THEORY OF INVESTMENT.— Two terms, four credits.

REAL ESTATE

- REAL EST. 1. PRINCIPLES OF REAL ESTATE.—Two terms, four credits.
- REAL EST. 2. CITY PLANNING AND ZONING.—Two terms, four credits.

STATISTICS

- STAT. 1. STATISTICAL PRINCIPLES AND THEIR APPLICATION.—Two terms, four credits.

TRANSPORTATION

- TRANS. 1. ELEMENTARY TRAFFIC MANAGEMENT.—Two terms, four credits
- TRANS. 2. ADVANCED TRAFFIC MANAGEMENT.—Two terms, four credits.
- Prerequisite: Transportation 1

COLLEGE OF MEDICINE

THE COLLEGE OF MEDICINE OF THE UNIVERSITY OF CINCINNATI

I. FACULTY AND INSTRUCTORS

ADMINISTRATION

FREDERICK CHARLES HICKS, A.B., PH.D.,	President of the University, 1920
HENRY PAGE, A.M., M.D., DR.P.H. (hon.),	Dean of the College of Medicine, 1921
FRANK B. CROSS, M.D.,	Secretary of the Faculty and Assistant Professor of Ophthalmology, 1914
DANIEL LAURENCE, B.S.,	Secretary and Business Manager of the University
LELIA GARVIN HARTMAN, B.L.,	Registrar
ERNEST LYNN TALBERT, PH.D.,	Director of Admissions
A. C. BACHMEYER, M.D.,	Superintendent and Medical Director of the Cin- cinnati General and Tuberculosis Hospitals
ANGELO DOHERTY,	Assistant Superintendent of the Cincinnati General Hospital
LAURA R. LOGAN, A.B., B.S., R.N.,	Director of the School of Nursing and Health, Cincinnati General Hospital
PHILIP GATH, M.D.,	Assistant Superintendent of the Tuberculosis Sanatorium
FRANCIS CURRIE,	Librarian of the College of Medicine
ANNA LUCILLE HOOK,	Assistant Secretary of the College of Medicine
ADA STOKES, R.N.,	Supervisor of the College Dispensary
HELEN RANKIN, R. N.,	Supervisor of the Social Service of the College Dispensary
LUCILLE PRALL,	Registrar of the College Dispensary

PROFESSORS EMERITUS

JOHN CHARLES MACKENZIE, M.D.,	Professor of Medicine, Emeritus
BRYON STANTON, M.D.,	Professor of Diseases of Women and Children, Emeritus
ALEXANDER GREER DRURY, A.M., M.D.,	Professor of Hygiene, Emeritus
PHILIP ZENNER, A.M., M.D.,	Professor of Neurology, Emeritus

- EDWARD W. WALKER, M.D. Professor of Clinical Surgery, Emeritus
 *AUGUSTE RAVOGLI, A.M., M.D. . . . Professor of Dermatology and Syphilology, Emeritus
 *EDWIN W. MITCHELL, A.B., M.D. Professor of Medicine, Emeritus
 CHARLES A. L. REED, A.M. (hon.), M.D., Professor of Gynaecology, Emeritus
 RUFUS B. HALL, A.M. (hon.), M.D., Professor of Gynaecology, Emeritus
 *FRANK W. LANGDON, M.D. Professor of Psychiatry, Emeritus
 OLIVER P. HOLT, M.D. Professor of Medicine, Emeritus
 *J. A. THOMPSON, B.S., A.M. (hon.), M.D., Professor of Laryngology, Emeritus
 *JOHN W. MURPHY, M.D. Professor of Otolaryngology, Emeritus
 *DERRICK T. VAIL, M.D. Professor of Ophthalmology, Emeritus
 JAMES B. SWING, A.M., LL.D., Professor of Medical Jurisprudence, Emeritus
 *JOHN M. WITHROW, M.D. Professor of Gynaecology, Emeritus
 WILLIAM D. PORTER, M.D. Professor of Clinical Obstetrics, Emeritus
 *GEORGE A. FACKLER, M.D. Professor of Medicine, Emeritus
 *JOHN C. OLIVER, M.D. Professor of Surgery, Emeritus

†HEADS OF DEPARTMENTS

(Arranged according to date of appointment to present professorial rank.)

- (d) ROBERT SATTLER, M.D. Head of Dept. of Ophthalmology
 Professor of Ophthalmology, 1882 Seventh and Race Sts.
 (d) B. K. RACHFORD, M.D. Head of Dept. of Dispensary Instruction
 Professor of Paediatrics, 1901 707 Race St.
 (d) ALBERT HENRY FREIBERG, M.D., LL.D. . . Head of Dept. of Orthopedics
 Professor of Orthopedic Surgery, 1902 707 Race St.
 (d) HERMAN HENRY HOPPE, A.M., M.D. . . Head of the Dept. of Neurology
 Professor of Neurology, 1905 19 West Seventh St.
 (d) E. OTIS SMITH, M.D. Head of Dept. of Urology
 Professor of Urology, 1908 19 West Seventh St.
 MARTIN H. FISCHER, M.D. Head of Dept. of Physiology
 Eichberg Professor of Physiology, 1910 Maplewood Apts., Clifton
 (d) CHARLES L. BONIFIELD, M.D. Head of Dept. of Gynaecology
 Professor of Gynaecology, 1910 409 Broadway
 (d) SIGMAR STARK, M.D. Associate Head of the Dept. of Gynaecology
 Professor of Gynaecology, 1910 11½ E. Eighth St.
 HENRY McELDERRY KNOWER, A.B., PH.D., Head of Dept. of Anatomy
 Francis Brunning Professor of Anatomy, 1910 Maplewood Apts., Clifton
 (d) WILLIAM B. WHERRY, A.B., M.D., Head of Dept. of Bacteriology and
 Professor of Bacteriology and Hygiene, 1916 Hygiene
 759 E. Ridgeway Ave., Avondale

*Consultants in the Municipal Hospitals.

†For the purpose of administration several departments may be united under one administrative head. The head of each department is a director of clinical service in the Cincinnati General Hospital.

- (d) Director of service and member of Directing Medical Staff of the Municipal Hospitals.

- (d) WILLIAM GILLESPIE, M.D. Head of Dept. of Obstetrics
Professor of Obstetrics, 1916 May and June Sts., W. H.
- (d) SAMUEL IGLAUER, B.S., M.D. Head of Dept. of Laryngology
Professor of Laryngology, 1916 707 Race St.
- (d) SIDNEY LANGE, A.B., M.D. Head of Dept. of Radiology
Professor of Radiology and Radio-Therapeutics, 1917, 5 Garfield Place
- (d) H. KENNON DUNHAM, M.D. Head of Dept. of Tuberculosis
Associate Professor of Medicine, 1917 Union Central Bldg.
- ALBERT PRESCOTT MATHEWS, S.B., PH.D., Head of Dept. of Biochemistry
Professor of Biochemistry, 1918 255 Loraine Ave., Clifton
- DENNIS EMERSON JACKSON, A.M., PH.D., M.D., Head of Dept. of Phar-
macology Professor of Pharmacology, 1918 macology
301 Hearne Ave., Avondale
- (d) ELMORE B. TAUBER, M.D. Head of Dept. of Dermatology and
Professor of Dermatology and Syphilology, 1918 Syphilology
19 West Seventh St.
- JOSEPH B. HOMAN Head of Dept. of Medical Art
Instructor in Medical Art, 1919 4020 Marburg Ave.
- (d) ROGER S. MORRIS, A.B., M.D. Head of Dept. of Medicine
Frederick Forchheimer Professor of Medicine, 1920
3646 Washington Ave., Avondale
- (d) KENNETH D. BLACKFAN, M.D. Head of Dept. of Paediatrics
B. K. Rachford Professor of Paediatrics, 1920
3108 Fairfield Ave., W. H.
- (d) RICHARD SISSON AUSTIN, M.D. Head of Dept. of Pathology
Mary M. Emery Professor of Pathology, 1920
Maplewood Apts., Clifton
- (d) WALTER E. MURPHY, M.D. Head of Dept. of Otology
Professor of Otology, 1920 707 Race St.
- OTIS H. FISK, A.B., PH.D., D. JURIS., LL.B., Head of Dept. of Medical
Professor of Medical Jurisprudence, 1920 Jurisprudence
714 Mercantile Lib. Bldg.
- (d) ARTHUR C. BACHMEYER, M.D., Head of Dept. of Hospital Administration
Professor of Hospital Administration, 1921
Cincinnati General Hospital
- (d) *W. S. LOCKE, D.D.S. Head of Dental Dept.
Professor of Dentistry, 1921 503 Andrews Bldg.
- (d) GEORGE J. HEUER, M.D. Professor of Surgery
Holmes Professor of Surgery, 1921 Edwards Rd.

*No courses are given in the Department of Dentistry.

PROFESSORS

(Other than Heads of Departments)

(Arranged according to date of appointment as Professor.)

BURTIS B. BREESE, PH.D.	560 Evanswood Pl., Clifton
Professor of Psychology, 1904 (College of Liberal Arts)	
CHARLES E. CALDWELL, A.M. (hon.), M.D.	707 Race St.
Professor of Clinical Surgery and Surgical Anatomy, 1909	
FRANK FEE, M.D.	22 West Seventh St.
Professor of Clinical Surgery, 1912	
ARCHIBALD IRWIN CARSON, B.S., M.D.	46 E. McMillan St.
Professor of Clinical Surgery, 1914	
VICTOR RAY, SR., M.D.	19 W. Seventh St.
Professor of Clinical Ophthalmology, 1916	
GORDON F. MCKIM, B.S., M.D.	1908 Union Central Bldg.
Professor of Urology, 1917	
DAVID I. WOLFSTEIN, M.D.	22 West Seventh St.
Professor of Psychiatry, 1917	
ALBERT FALLER, M.D.	19 West Seventh St.
Professor of Contagious Diseases, 1917	
JOHN D. MILLER, M.D.	8th and Elm Sts.
Professor of Gynaecology, 1918	
MARK A. BROWN, M.D.	707 Race St.
Professor of Medicine, 1918	
ALFRED FRIEDLANDER, A.B., M.D.	4 West Seventh St.
Professor of Medicine, 1918	
EDWARD FALL MALONE, A.B., M.D.	Maplewood Apts., Clifton
Professor of Histology, 1918	
CARL HILLER, M.D.	19 West Seventh St.
Professor of Clinical Surgery and Clinical Pathology, 1919	
WYLIE MCLEAN AYRES, A.B., M.D.	4 West Seventh St.
Professor of Clinical Ophthalmology, 1921	

ASSOCIATE PROFESSORS

(Arranged according to date of appointment as Associate Professor.)

W. D. HAINES, M.D.	1606 Freeman Ave.
Associate Professor of Clinical Surgery, 1916	
CARROLL DECOURCY, M.D.	210 West Seventh St.
Associate Professor of Contagious Diseases, 1916	
FRANK H. LAMB, B.S., M.D.	940 E. McMillan St.
Associate Professor of Paediatrics, 1917	
HENRY WALD BETTMANN, B.L., M.D.	4 West Seventh St.
Associate Professor of Medicine, 1917	

LOUIS G. HEYN, A.B., M.D.....	4 West Seventh St.
Associate Professor of Medicine, 1917	
ROBERT INGRAM, M.D.....	12 Norfolk Bldg.
Associate Professor of Psychiatry, 1917	
GOODRICH BARBOUR RHODES, A.B., M.D.....	Ortiz Bldg.
Associate Professor of Clinical Surgery, 1917	
CHARLES A. LANGDALE, M.D.....	1806 Union Central Bldg.
Associate Professor of Clinical Surgery, 1917	
J. LOUIS RANSOHOFF, A.B., M.D.....	707 Race St.
Associate Professor of Clinical Surgery, 1917	
DUDLEY WHITE PALMER, B.S., M.D.....	707 Race St.
Associate Professor of Clinical Surgery, 1918	
M. B. BRADY, M.D.....	322 Tusculum Ave.
Associate Professor of Contagious Diseases, 1918	
SHIRO TASHIRO, B.S., PH.D.....	257 Loraine Ave., Clifton
Associate Professor of Biochemistry, 1919	
*EDMUND M. BAEHR, M.D.....	Columbus, O.
Associate Professor of Physiology, 1919	
ROBERT B. COFIELD, M.D.....	19 West Seventh St.
Associate Professor of Orthopedic Surgery, 1919	
HENRY L. WOODWARD, M.D.....	1 Melrose Bldg., W. H.
Associate Professor of Obstetrics, 1920	
R. J. ERICKSON, A.B., M.D.....	707 Race St.
Associate Professor of Medicine, 1920	
MAGNUS A. TATE, M.D.....	19 West Seventh St.
Associate Professor of Clinical Obstetrics, 1920	
CAREY PRATT McCORD, A.B., M.D.....	214 West Seventh St.
Associate Professor of Preventive Medicine, 1921	
DAVID A. TUCKER, A.M., M.D.....	19 West Seventh St.
Associate Professor of Contagious Diseases, 1921	
MONT REID, M.D.....	Edwards Rd.
Associate Professor of Surgery, 1922	

ASSISTANT PROFESSORS

(Arranged according to date of appointment as Assistant Professor.)

RUFUS SOUTHWORTH, M.D.....	Fountain Ave., Glendale
Assistant Professor of Therapeutics, 1909	
OSCAR BERGHAUSEN, A.B., M.D.....	19 West Seventh St.
Assistant Professor of Medicine, 1912	
JAMES W. ROWE, A.B., M.D.....	124 West Ninth St.
Assistant Professor of Gynaecology, 1918	
J. VICTOR GREENEBAUM, A.B., M.D.....	4 West Seventh St.
Assistant Professor of Paediatrics, 1918	
ALBERT J. BELL, A.B., M.D.....	Livingston Bldg.
Assistant Professor of Paediatrics, 1918	

*Absent on leave

EDWARD A. WAGNER, M.D.	3106 Jefferson Ave.
Assistant Professor of Paediatrics, 1919	
WILLIAM M. DOUGHTY, M.D.	17 Berkshire Bldg.
Assistant Professor of Radiology, 1918	
MAX DREYFOOS, M.D.	Livingston Bldg.
Assistant Professor of Paediatrics, 1919	
HAROLD L. HIGGINS, A.B., M.D.	Cincinnati General Hospital
Assistant Professor of Paediatrics, 1920	
HIRAM B. WEISS, A.B., M.D.	4 West Seventh St.
Assistant Professor of Medicine, 1921	
ROBERT A. KEHOE, B.S., M.D.	537 Carlin Place
Assistant Professor of Physiology, 1921	
KARL LITTLE, M.D.	Cincinnati General Hospital
Assistant Professor of Radiology, 1921	
O. V. BATSON, A.M., M.D.	1545 Ruth Ave.
Assistant Professor of Anatomy, 1921	
J. V. LAWRENCE, B.S.	308 Elland Circle
Assistant Professor of Pharmacology, 1921	

LECTURERS

HENRY S. GREENLEAF, A.B., M.D. (Col., U. S. Army)	Ft. Thomas, Ky.
Lecturer on Tropical Medicine and Military Hygiene, 1922	

INSTRUCTORS

(Arranged according to date of appointment as Instructor.)

PHILIP GATH, M.D.	Cincinnati Tuberculosis Sanatorium
Instructor in Medicine, 1917	
J. L. TUECHTER, A.B., M.D.	5 Garfield Place
Instructor in Therapeutics, 1918	
C. A. MILLS, PH.D.	301 Hearne Ave.
Instructor in Biochemistry, 1919	
RAPHAEL ISAACS, A.M., M.D.	3264 Delaware Ave.
Instructor in Medicine, 1920	
FRANK J. ANDRESS	625 Crown St.
Instructor in Hygiene, 1921	
FRANK D. CONROY, M.D.	Cincinnati General Hospital
Instructor in Paediatrics, 1921	
HOWARD MCINTYRE, M.D.	Longview Hospital, Carthage
Instructor in Physiology, 1922	

ASSISTANTS

CLAY CRAWFORD, A.B., M.D.	2700 Union Central Bldg.
Assistant in Paediatrics, 1917	
SAMUEL OKRENT, M.D.	16 East Seventh St.
Assistant in Paediatrics, 1917	
GUSTAV ECKSTEIN, JR., D.D.S.	20 West Ninth St.
Assistant in Physiology, 1917	
H. VIRGINIA BLACKFORD, M.D.	Piedmont St.
Assistant in Paediatrics, 1919	
JOHN H. SKAVLEM, B.S., M.D.	1020 Union Central Bldg.
Assistant in Medicine, 1921	
MARY S. KNIGHT, M.D.	4520 Erie Ave.
Assistant in Pathology, 1921	
M. F. PETERSON, M.D.	Cincinnati General Hospital
Assistant in Paediatrics, 1921	
D. S. HACHEN, M.D.	Cincinnati General Hospital
Assistant in Medicine, 1922	
BURR CARTER, M.D.	Cincinnati General Hospital
Assistant in Surgery, 1922	

HOSPITAL STAFF OF THE MUNICIPAL HOSPITALS

Titles in the College of Medicine, held by members of the Staff, are indicated as follows: (a) Dean, (b) Professor, (c) Associate Professor, (d) Assistant Professor, (e) Instructor, (g) Professor Emeritus.

All directors are members of the Directing Medical Staff.

HENRY PAGE, M.D., (a) Chairman of the Directing Medical Staff

A. C. BACHMEYER, M.D., (b) Superintendent of the Hospitals and Secretary of the Directing Medical Staff

Medical Service

Director: Roger S. Morris, M.D. (b)

A. General Medicine

Director: ROGER S. MORRIS, M.D. (b)

Assistant Director: MARK A. BROWN, M.D. (b)

Attending Physician: ALFRED FRIEDLANDER, M.D. (b)

Assistant Attending Physicians:

LOUIS G. HEYN, M.D. (c)

JULIEN E. BENJAMIN, M.D. (e)

ARTHUR E. OSMOND, M.D. (e)

HIRAM B. WEISS, M.D. (d)

STARR FORD, M.D. (e)

R. J. ERICKSON, M.D. (c)

Consulting Physicians: J. C. MAC KENZIE, M.D. (g)

GEORGE A. FACKLER, M.D. (g)

B. Tuberculosis

Director: H. K. DUNHAM, M.D. (c)

Chief of Consulting Staff: ALFRED FRIEDLANDER, M.D. (b)

Assistant Director: VERA NORTON, M.D. (e)

Resident Pathologist: J. B. ROGERS, M.D. (e)

Resident Physician: ERNEST E. BISHOP, M.D. (e)

Attending Paediatrician: ALBERT J. BELL, M.D. (d)

Attending Gynaecologist: JAMES W. ROWE, M.D. (d)

Attending Surgeon: GOODRICH B. RHODES, M.D. (c)

Attending Dentist: E. W. JOHNSON, D.D.S. (e)

Attending Radiographer: C. E. WOODING, M.D. (e)

Consulting Paediatrician: KENNETH D. BLACKFAN, M.D. (b)

Consulting Orthopedic Surgeon: ALBERT H. FREIBERG, M.D. (b)

Surgical Service

Director: GEORGE J. HEUER, M.D. (b)

Assistant Directors: CHARLES E. CALDWELL, M.D. (b)

FRANK FEE, M.D. (b)

Attending Surgeons:

ARCH I. CARSON, M.D. (b)	CARL HILLER, M.D. (b)
GOODRICH B. RHODES, M.D. (c)	CHARLES A. LANGDALE, M.D. (c)
W. D. HAINES, M.D. (c)	J. LOUIS RANSOHOFF, M.D. (c)
DUDLEY W. PALMER, M.D. (c)	

Assistant Attending Surgeons:

CHARLES T. SOUTHER, M.D. (e)	JOHN A. CALDWELL, M.D. (e)
J. E. PIRRUNG, M.D. (e)	L. H. SCHRIVER, M.D. (e)

Consulting Surgeon: J. C. OLIVER, M.D. (g)

Obstetrical Service

Director: WILLIAM GILLESPIE, M.D. (b)
 Assistant Director: HENRY L. WOODWARD, M.D. (c)
 Attending Obstetrician: MAGNUS A. TATE, M.D. (c)
 Assistant Attending Obstetrician: FRANZ H. MIKETTA, M.D. (e)
 Consulting Obstetrician: W. D. PORTER, M.D. (g)

First Gynaecological Service

Director: SIGMAR STARK, M.D. (b)
 Assistant Director: JAMES W. ROWE, M.D. (d)
 Attending Gynaecologist: JOHN R. STARK, M.D. (e)
 Consulting Gynaecologists: C. A. L. REED, M.D. (g)
 J. M. WITHROW, M.D. (g)

Second Gynaecological Service

Director: CHARLES L. BONIFIELD, M.D. (b)
 Assistant Director: JOHN D. MILLER, M.D. (b)
 Attending Gynaecologist: FRANK M. COPPOCK, M.D. (e)
 Assistant Attending Gynaecologist: ERWIN M. STRAEHLEY, M.D. (e)

Paediatric Service

Director: KENNETH D. BLACKFAN, M.D. (b)
 Assistant Director: FRANK H. LAMB, M.D. (c)
 Attending Paediatricians:

HAROLD L. HIGGINS, M.D. (d)	ALBERT J. BELL, M.D. (d)
EDWARD A. WAGNER, M.D. (d)	J. VICTOR GREENEBAUM, M.D. (d)
MAX DREYFOOS, M.D. (d)	

 Assistant Director (Contagious Division): ALBERT FALLER, M.D. (b)
 Attending Paediatricians (Contagious Division):

CARROLL DECOURCY, M.D. (c)	RUFUS SOUTHWORTH, M.D. (d)
M. B. BRADY, M.D. (c)	DAVID A. TUCKER, M.D. (c)

 Consulting Physician (Contagious Division): E. W. MITCHELL, M.D. (g)

Ophthalmological Service

Director: ROBERT SATTLER, M.D. (b)
Assistant Director: VICTOR RAY, M.D. (b)
Attending Ophthalmic Surgeons: WYLIE McLEAN AYRES, M.D. (b)
CLARENCE KING, M.D. (e)
FRANK B. CROSS, M.D. (d)
Assistant Attending Ophthalmic Surgeon: HORACE W. REID, M.D. (e)
Consulting Ophthalmic Surgeon: D. T. VAIL, M.D. (g)

Otological Service

Director: WALTER E. MURPHY, M.D. (b)
Assistant Director: CHARLES C. JONES, M.D. (e)
Attending Otologists: M. F. McCARTHY, M.D. (e)
VICTOR FISCHBACH, M.D. (e) (Contagious Division)
Consulting Otologist: J. W. MURPHY, M.D. (e)

Laryngological Service

Director: SAMUEL IGLAUER, M.D. (b)
Attending Laryngologists: EDWARD KING, M.D. (e)
HENRY GOODYEAR, M.D. (e)
H. G. NELSON, M.D. (e)
DONALD J. LYLE, M.D. (e)
A. J. LIGHT, M.D. (e) (Contagious Division)
Consulting Laryngologist: J. A. THOMPSON, M.D. (g)

Neurological Service

Director: HERMAN H. HOPPE, M.D. (b)
Assistant Director: DAVID I. WOLFSTEIN, M.D. (b)
Attending Neurologist: CHARLES E. KIELY, M.D. (e)
Attending Psychiatrist: ROBERT INGRAM, M.D. (c)
Assistant Attending Neurologists: CLYDE E. SHINKLE, M.D. (e)
THOMAS A. RATLIFF, M.D. (e)
Psychologist: BURTIS B. BREESE, PH.D. (b)
Assistant Psychologist: ETHEL GOLDSMITH, A.B. (e)
Consulting Neurologist: PHILIP ZENNER, M.D. (g)
Consulting Psychiatrist: FRANK W. LANGDON, M.D. (g)

Dermatological Service

Director: ELMORE B. TAUBER, M.D. (b)
Assistant Director: C. J. BROEMAN, M.D. (e)
Attending Dermatologist: JAMES W. MILLER, M.D. (e)
Consulting Dermatologist: A. RAVOGLI, M.D. (g)

Urological Service

Director: E. O. SMITH, M.D. (b)
Assistant Director: GORDON F. MCKIM, M.D. (b)
Attending Urologists: R. W. STALEY, M.D. (e)
ARTHUR E. KOCH, M.D. (e)
Assistant Attending Urologist: E. O. SWARTZ, M.D. (e)

Orthopedic Service

Director: ALBERT H. FREIBERG, M.D. (b)
Attending Orthopedic Surgeon: ROBERT B. COFIELD, M.D. (c)
Assistant Attending Orthopedic Surgeons: E. A. KLEIN, M.D. (e)
CLARENCE W. BETZNER, M.D. (e)

X-Ray Service

Director: SIDNEY LANGE, M.D. (b)
Assistant Director: WILLIAM M. DOUGHTY, M.D. (d)
Attending Radiographer: ELLIS R. BADER, M.D. (e)

Dental Service

Director: W. S. LOCKE, D.D.S. (b)
Assistant Director: JOHN P. BECKER, D.D.S. (e)
Attending Dental Surgeons:
R. C. HARKRADER, D.D.S. (e) CHESTER C. STAATS, D.D.S. (e)
HOWARD A. REID, D.D.S. (e) C. H. SCHOTT, D.D.S. (e)
ROBERT M. SCHELL, D.D.S. (e) EDWARD L. BALL, D.D.S. (e)
C. H. BURMEISTER, D.D.S. (e) E. W. JOHNSON, D.D.S. (e) (Tuber-
J. A. HARTMAN, D.D.S. (e) culosis)
Consulting Dentists: C. STANLEY SMITH, D.D.S. (e)
H. C. MATLACK, D.D.S. (e)

Pathological Service

Director: RICHARD S. AUSTIN, M.D. (b)
Attending Neuropathologist: CLYDE E. SHINKLE, M.D. (e)

Bacteriological Service

Director: WILLIAM B. WHERRY, M.D. (b)
Attending Serologist: OSCAR BERGHAUSEN, M.D. (d)
Assistant Attending Serologist: A. C. GERINGER, M.D. (e)

CLINICAL STAFF OF THE OUT-PATIENT DEPARTMENT OF THE
COLLEGE OF MEDICINE

Titles in the College of Medicine held by members of the Staff are indicated as follows:—(a) Dean, (b) Professor, (c) Associate Professor, (d) Assistant Professor, (e) Instructor, (f) Assistant.

B. K. RACHFORD, M.D. (b) in charge.

Medicine

Chief Clinician: MARK A. BROWN, M.D. (b)

Clinicians:

STARR FORD, M.D. (e)	A. E. OSMOND, M.D. (e)
LOUIS G. HEYN, M.D. (c)	J. E. BENJAMIN, M.D. (e)
C. P. KENNEDY, M.D. (e)	H. B. WEISS, M.D. (d)
A. R. JOHNSON, M.D. (f)	CHARLES S. NOONAN, M.D. (f)
WALTER H. STIX, M.D. (e)	A. C. GERINGER, M.D. (e)
N. L. SALTZMAN, M.D. (e)	CLIFFORD J. STRAEHLEY, M.D. (f)
R. J. ERICKSON, M.D. (c)	

Surgery

Chief Clinician: GEORGE J. HEUER, M.D. (b)

Clinicians:

CARL R. HILLER, M.D. (b)	GOODRICH B. RHODES, M.D. (c)
DUDLEY W. PALMER, M.D. (c)	J. LOUIS RANSOHOFF, M.D. (c)
CHARLES T. SOUTHER, M.D. (e)	REED A. SHANK, M.D. (f)
DAVIS LILLARD, M.D. (f)	W. R. ROGERS, M.D. (f)
WILLIAM R. ABBOTT, M.D. (f)	RALPH G. CAROTHERS, M.D. (e)
CHARLES A. LANGDALE, M.D. (c)	SYMMES F. OLIVER, M.D. (e)

Paediatrics

Chief Clinician: KENNETH D. BLACKFAN, M.D. (b)

Clinicians:

J. VICTOR GREENEBAUM, M.D. (d)	E. I. FOGEL, M.D. (f)
E. A. WAGNER, M.D. (d)	S. K. SIEBLER, M.D. (f)
MAX DREYFOOS, M.D. (d)	MARIE N. WHERRY, M.D. (f)
H. L. HIGGINS, M.D. (d)	IDA W. CALDWELL, M.D. (f)
FRANK H. LAMB, M.D. (c)	R. C. HOOD, M.D. (f)
ALBERT J. BELL, M.D. (d)	

Laryngology and Otology

Chief Clinician: EDWARD KING, M.D. (e)

Clinicians:

A. J. LIGHT, M.D. (e)	ALBERT P. HOFMANN, M.D. (f)
E. D. ALLGAIER, M.D. (e)	M. F. MCCARTHY, M.D. (e)
HENRY M. GOODYEAR, M.D. (e)	H. G. NELSON, M.D. (e)
J. ASHER CALDWELL, M.D. (e)	DONALD J. LYLE, M.D. (e)
CHARLES C. JONES, M.D. (e)	VICTOR W. FISCHBACH, M.D. (e)

Dermatology

Chief Clinician: ELMORE B. TAUBER, M.D. (b)

Clinicians:

JAMES W. MILLER, M.D. (e)	R. R. DUCASSE, M.D. (e)
E. H. SHIELDS, M.D. (e)	HARRY L. CLAASSEN, M.D. (f)

Gynaecology

Chief Clinicians: SIGMAR STARK, M.D. (b)

JOHN D. MILLER, M.D. (b)

Clinicians:

JAMES W. ROWE, M.D. (d)	FRANK M. COPPOCK, M.D. (e)
J. R. STARK, M.D. (e)	ERWIN STRAEHLEY, JR., M.D. (e)

Neurology

Chief Clinician: HERMAN H. HOPPE, M.D. (b)

Clinicians:

EMERSON A. NORTH, M.D. (e)	THOMAS A. RATLIFF, M.D. (e)
B. A. WILLIAMS, M.D. (e)	HOWARD MCINTYRE, M.D. (e)

Orthopedics

Chief Clinician: ROBERT B. COFIELD, M.D. (c)

Clinicians: E. A. KLEIN, M.D. (e)

CLARENCE W. BETZNER, M.D. (e)

*ROBERT D. MADDOX, M.D. (e)

Obstetrics

Chief Clinician: WILLIAM GILLESPIE, M.D. (b)

Clinicians: HELENA T. RATTERMAN, M.D. (e)

CHARLES EDWIN HAUSER, M.D. (f)

JOHN VINCENT MCGOWAN, M.D. (f)

Urology

Chief Clinician: E. O. SMITH, M.D. (b)

Clinicians: E. O. SWARTZ, M.D. (e)

R. W. STALEY, M.D. (e)

ARTHUR E. KOCH, M.D. (e)

Ophthalmology

Chief Clinician: VICTOR RAY, SR., M.D. (b)

Clinicians:

HORACE W. REID, M.D. (e)	CHARLES A. HOFLING, M.D. (f)
WILLIAM S. KELLER, M.D. (e)	VICTOR RAY, JR., M.D. (f)

*Absent on leave

II. THE COLLEGE OF MEDICINE OF THE UNIVERSITY OF CINCINNATI

1. HISTORICAL STATEMENT.

A. EARLY HISTORY

Although the College of Medicine of the University of Cincinnati has existed under its present name for only five years, it was clearly entitled to celebrate its 100th anniversary in 1920—one hundred and two years following the granting by the Ohio legislature of a charter to the Medical College of Ohio, its lineal ancestor.

Daniel Drake, a name primarily honored in the Annals of American Medical History, was the first president of the Medical College of Ohio, which held its original name until 1896, when it became the "Medical Department of the University of Cincinnati".

In 1909 the Miami Medical College, founded in 1852, became an integral part of the University of Cincinnati and the united schools became known as the Ohio-Miami Medical College of the University of Cincinnati.

About the same time the Pathological School of the Cincinnati General Hospital was fused with the Ohio-Miami Medical College and by a system of interlocking directorates the old Cincinnati General Hospital was also united with it to create a single teaching unit. The early history of these colleges is not so simple as the above would indicate. In 1857 the Miami Medical College had merged with the Ohio Medical College only to dissolve the merger in 1865. Even before this date the Laura Memorial Medical College had fused with the Miami Medical College and the Cincinnati College of Medicine and Surgery had united with the Medical College of Ohio.

B. RECENT HISTORY

On November 6, 1917, the City of Cincinnati adopted its present city charter which provides that the combined medical colleges connected with the University of Cincinnati, a municipal institution, and the Cincinnati General Hospital, also a municipal institution, should be united under the control of the Board of Directors, University of Cincinnati. The name now given to the united medical colleges was "The College of Medicine, University of Cincinnati." By this unique arrangement the city has placed upon the College of Medicine the responsibility for the care of the city's poor and the responsibility for educating capable medical practitioners.

By this city charter the faculty of the College of Medicine constitutes the attending staff of the Hospital, thus insuring skilled service to the sick and in turn rendering available a tremendous mass of clinical material for teaching purposes.

The cost to the public has not been increased by this arrangement for the cost of maintaining its Hospitals remains the same, while the College itself has been supported in large part by generous gifts of broad-minded

citizens, who realize that not only the city but the whole state benefits immeasurably by the products of this municipal teaching-hospital. About sixty per cent of the practitioners of Cincinnati are graduates of this College and its parent institutions.

2. GENERAL PLAN OF EDUCATION.

The intimate union of the University of Cincinnati, of which the College of Medicine forms a part, with the municipal hospitals of the city—all controlled as far as medical work, teaching, and nursing is concerned by a single Board of Directors—has created a complete teaching unit.

Beginning with his pre-medical course in the College of Liberal Arts, the student, in passing through the Medical College and the Hospital, remains under the guidance of a single directing head.

In medicine there are cultural as well as scientific attainments to be considered.

In the School of Liberal Arts a minimum of two years is devoted to general culture and to a study of the elements of science upon which the structure of modern medicine is built. These are the minimum pre-medical requirements but students are strongly urged to take a third pre-medical year, not only to lighten the burdens of the Medical Course, but to perfect their training, particularly in English and languages.

In the College of Medicine the student spends most of his first two years in the laboratories of anatomy, biochemistry, physiology, pathology, pharmacology, and bacteriology. In the second year he begins to make contact with clinical courses, all of which are given in the wards and class rooms of the Hospital. He now for the first time approaches medicine as an art, founded upon observation and experience, while at the same time he learns to apply the principles of biology, chemistry, and physics, acquired in the laboratories, and upon which he must rely in the practice of scientific medicine. In the third and fourth years the student spends most of his time at the bedside, in the dispensary, in the postmortem rooms, and in the clinical laboratories. The general principles of medicine are emphasized and an almost unlimited opportunity is given to observe the various stages of disease and the methods employed in its treatment.

In both the Junior and Senior years the student is encouraged to undertake the solution of minor research problems and throughout the entire medical course he is taught avoidance of those routine methods of practice which are characteristic of practitioners lacking in imagination and scientific knowledge.

The end product of the College of Medicine is not a specialist and indeed not even a qualified practitioner. He is rather one who is prepared to take full advantage of the next step in his education, which he now enters upon as an interne in a general hospital.

Beginning with the class that enters College in the fall of 1922, the student will not be granted his diploma until the completion of his in-

terneship, for not until he has profited by at least a year in a hospital will he be qualified to exercise independent medical judgment.

This outlines the general plan of medical education in the University of Cincinnati. As yet nothing has been done to continue the connection of the graduate with the laboratories and clinics of his alma mater after he leaves the hospital. To maintain this contact would be highly desirable for it would keep at the disposal of the young practitioner the machinery required in diagnosis which he is usually unable to provide for himself. A development along these lines may yet be accomplished.

3. MATERIAL EQUIPMENT

Reference to the illustrations which accompany this announcement will give a rough idea of the physical embodiment of the College of Medicine *as it now stands*. The ground area comprises sixty-seven acres. The Board of Trustees of the University has administrative charge of all medical work, teaching, and nursing in this hospital-college group. Of this, the buildings now standing and embraced within the roughly rectangular area shown in the bird's eye view (Fig. 1) occupy twenty-seven acres. This rectangle embraces roughly nine city blocks. The so-called medical college building (Fig. 2) stands on a separate plot of twelve acres.

THE GENERAL HOSPITAL is owned by the city. It is one of the most modern, carefully designed, and completely equipped hospitals in the country. It was built at a cost of about \$5,000,000. It has 850 beds. It is built on the pavilion plan and embraces twenty-four large buildings, all connected by overground and underground corridors. The contagious group consists of a separate unit of seven pavilions similarly connected with each other. The hospital occupies a high and healthful location in a quiet and attractive part of the city. The equipment throughout is of a most modern and up-to-date character, a maximum of sunlight and air being provided by the style of building adopted.

The administration building houses the offices of the hospital, the general library, and the resident staff of the hospital. The admitting department is in a separate building containing waiting rooms, examination rooms, emergency operating rooms, male and female wards where patients, arriving after 9 P.M. are kept until the next morning in order not to disturb the patients in the regular wards, dressing and bathrooms, and social service rooms. In its basement are located a clothing disinfecting plant, and a tailor shop for repairing and pressing the patient's clothing, which is then kept in dust-proof fashion until his discharge. Here are also large and specially equipped rooms for sunstroke and poison cases.

The first floor of the surgical pavilion contains a large amphitheatre with a seating capacity of 250. On this floor are also two large operating rooms, with their suites of sterilizing rooms, surgeons', nurses', and students' preparation rooms, anesthetizing rooms, and recovery rooms. On the second floor are two smaller operating rooms and a dental operating room and laboratory. In the basement is located one of the most complete

x-ray departments in this country and the drug department. The amphitheatre and several operating rooms in the surgical pavilion are used for operative clinics and clinical lectures. Clinical instruction in medicine and surgery and the specialties is given in the eight large general wards and buildings of the hospital, and in the seven set aside for the infectious diseases.

The college has control of all the clinical facilities of the hospital, its professors forming the staff of the institution. Clinical instruction in each department is therefore under the direction of specialists. Didactic lectures in medicine, surgery, etc., are provided for in the college building.

In addition to the above, the College of Medicine has entered into a cooperative agreement with the *Cincinnati Board of Health*, under the terms of which students of medicine receive advantages that could not otherwise be enjoyed.

THE BRANCH HOSPITAL FOR TUBERCULOSIS (Fig. 4) is a part of the General Hospital and is administered by its staff. It consists of some six well equipped pavilions and a laboratory located pleasantly on high ground in the suburbs of Cincinnati. Students spend one-half day here each week for one semester in their Junior year, studying the patients from their reception into the hospital, through wards and laboratories, into the postmortem room if death occurs.

THE COLLEGE DISPENSARY.—Through the generosity of Hospital Commissioner Charles Boldt, the facilities for clinical teaching in the College of Medicine were greatly furthered by the establishment of the commodious and splendidly equipped Out-Patient Dispensary. This occupies the basement floors of three of the general ward buildings, and was opened in May, 1917. Connected with it are a general administrative staff and a large corps of nurses and social service workers. A drug department and clinical laboratories are also included. The dispensary contains the following departments, each under the direction of a chief: medicine, surgery, paediatrics, obstetrics, gynaecology, orthopedics, neurology, urology, ophthalmology, otology, and laryngology, and is open daily. Over 35,000 patients were treated at the dispensary last year.

THE LABORATORIES for anatomy, biochemistry, physiology, pharmacology, bacteriology, and pathology are housed in what is known as the college of medicine building and the pathologic institute. *The College of Medicine building* (Fig. 2) was completed, ready for occupancy, in October, 1917. It was built largely by the generous gift of Mrs. Mary M. Emery, and with equipment has cost about \$750,000.

The building houses the departments of anatomy, biochemistry, physiology, pharmacology, and preventive medicine. Its surroundings are clean, quiet and attractive. It is a brick and concrete structure, four stories high, built in the shape of the letter E and has a frontage of 300 feet. The stories are unusually high, and the lighting and ventilation are unsurpassed. There is an animal house with quarters for attendants and runways for animals

outside of the main building. The departments of anatomy and histology are in the north wing, of physiology and biochemistry in the south wing, and of pharmacology in the central portion. Here also are the offices, library, large assembly hall and dining hall for students and faculty. The assembly hall seats 500 and is equipped with projection apparatus and moving picture apparatus of the modern type.

The departments of pathology and bacteriology are taken care of in the *Pathologic Institute* (Fig. 3). The basement of this building is occupied by workrooms where culture media are made, by a cold storage room and incubators, and the coroner's postmortem room. The first floor is occupied by the student laboratory of clinical pathology, a stockroom, a special laboratory for serology, and one for special work upon the secretions and excretions of the body. Attached to the latter is a spectroscopic room. The second floor is devoted to pathology, administrative offices, and the postmortem amphitheatre. The third floor is devoted to bacteriology and a series of private laboratories. The fourth floor is occupied by the photographic suite and the museum. The fifth floor is devoted to animal hutches and animal operating rooms. The museum of the pathologic institute contains a large number of anatomical and pathological specimens, including the Mussey and the Shotwell collections, the former the gift of the late Dr. Nathaniel Pendleton Dandridge.

LONGVIEW HOSPITAL FOR THE INSANE contains 1,684 beds. Clinical lectures on mental diseases are given here during February and March each year. These lectures and clinics by members of the faculty of the College of Medicine are made possible through the courtesy of Dr. E. A. North, superintendent of the hospital and a member of the College Faculty. Admission to these lectures is open to Seniors, whose attendance is mandatory, and to practitioners of medicine.

OTHER FACILITIES.—The faculty of the College of Medicine is largely represented in the staffs of the *Good Samaritan Hospital*, *Christ Hospital*, *Jewish Hospital*, *Deaconess Hospital*, *St. Mary's Hospital*, and the *Episcopal Hospital for Children*. While no regular place in the college schedule is allotted for clinical teaching in these institutions, there is abundant opportunity for utilizing their large amount of clinical material.

4. MEDICAL LIBRARIES.

The following libraries are available to the student:

A. THE LIBRARY OF THE COLLEGE OF MEDICINE: This, the working library for students, is located in the College Building. The reading room is able to accommodate a large number of students who are served by a librarian on duty throughout the entire year. The Library amply provides for the needs of the undergraduatc. It consists of the following collections:

1. THE DANDRIDGE MEMORIAL LIBRARY.—Originally consisting of 4000 volumes and 1187 pamphlets. In 1911 Miss Lena Dandridge presented to the college the library and library furniture of the late Dr. N. P. Dand-

ridge. In addition to this gift, Miss Dandridge gives annually a sum of money sufficient to purchase all of the new publications and journals that are of interest and value to students.

2. **THE WHITTAKER MEDICAL LIBRARY.**—1547 volumes and 538 pamphlets. This library was bequeathed to the College by the late Prof. James T. Whittaker.

3. **THE SEELY LIBRARY.**—1000 volumes and many pamphlets, presented by Mrs. W. W. Seely in memory of Professor W. W. Seely.

4. **THE EICHBERG LIBRARY.**—Presented by Mrs. Joseph Eichberg in memory of her husband.

5. **THE COLLECTION OF THE LIBRARY ASSOCIATION OF CINCINNATI.**

6. **THE CHRISTIAN R. HOLMES LIBRARY.**—1361 volumes. This was the private library of the late Dean of the College, presented by Mrs. Holmes, who provides annually a sum of money for its maintenance and support. This library not only contains all of the latest works on otology and laryngology, but it also includes complete files of all foreign and domestic journals relating to these subjects.

B. **THE LIBRARY OF THE CINCINNATI GENERAL HOSPITAL.**—The reference medical library. 30,000 volumes. This is available at all times to the student of medicine.

C. **THE UNIVERSITY LIBRARY.**—Nearly 100 foreign publications and nearly all of the important American journals are subscribed to by this library.

D. **THE LLOYD LIBRARY.**—The research library. Research workers in the University have been given permission to use this private library of Professor John Uri Lloyd and Mr. C. G. Lloyd through the generosity of its owners. It comprises over 30,000 volumes, and is probably the most complete library of botany and pharmacognosy in the world. It is also very rich in works on pharmacology and pharmaceutical chemistry.

E. **MEDICAL RESEARCH LIBRARY.**—A pro-rata fraction of the Baldwin Endowment of the University is available for the acquisition of folios and volumes of importance for workers in Medical Research.

F. **THE LIBRARIANS OF THE COLLEGE AND HOSPITAL LIBRARIES** will procure a loan from the Surgeon General's library in Washington of any medical work in print. This great library is the largest in the world and is open to the use of the entire medical profession.

5. REQUIREMENTS FOR ADMISSION

1. Candidates for admission to any class in the College of Medicine must present the following:

- A. A certificate of graduation from an accredited high school.
- B. A certificate of completion of pre-medical work in a college approved by the Council of Medical Education.
- C. A certificate issued by the Ohio State Medical Board in evidence that the applicant has satisfied the minimum educational require-

ments demanded by law of all students seeking admission to a medical college in this state. (For regulations governing the issuance of this certificate apply to the Secretary, Ohio State Medical Board, Columbus, Ohio.)

- D. A certificate of moral character, signed by two physicians of standing in the state in which the candidate last resided.

- E. A certificate of successful vaccination.

2. Description of High School Requirements:

An accredited high school is one presenting a four year course, entitling its graduates to a credit of at least fifteen units.

It is one recognized by the College Entrance Examination Board or by the authorized examiner of a college approved by the Council of Medical Education of the American Medical Association. Of the fifteen units required *three* must be in English, *three* in languages, *one* in elementary algebra, *one* in plane geometry, and *one* in history. *One unit* in physics is highly desirable. High school requirements may be satisfied by examination and by methods laid down in the announcement of the Liberal Arts Department of this University or of other colleges of liberal arts of equal standards.

3. Description of Pre-medical College Requirements:

Pre-medical work done in a high school will not be accepted. Sixty semester hours of pre-medical work (completed in a college of satisfactory standing) are required. The following subjects *must be included*:

- A. Chemistry: 16 semester hours as follows:

- (a) 8 semester hours in general inorganic chemistry, of which 4 must consist of laboratory work.

- (b) 4 semester hours in analytical chemistry, of which 2 must consist of laboratory work.

- (c) 4 semester hours in organic chemistry, of which 2 must consist of laboratory work.

- B. Zoology or general biology: 8 semester hours. 4 hours must consist of laboratory work.

- C. General physics: 8 semester hours.

2 hours must consist of laboratory work.

The course should be preceded by a year (one unit) of high school physics. Otherwise, this course should cover this deficiency.

- D. English: 6 semester hours.

This course includes English composition and literature.

- E. Language: 6 semester hours.

In the absence of college credits demonstrated ability to read fluently French, German, Spanish, or Italian will be accepted as satisfying this requirement.

4. Additional Preparation:

Four semester hours of vertebrate embryology taken during the pre-medical years entitles the student to credit in this subject after entering the College of Medicine.

Most students take advantage of this opportunity to materially lighten the work of their Freshman medical year. Students are strongly advised to complete this subject and also to take four semester hours of quantitative chemistry before entering the Medical College.

5. The pre-medical standards enumerated above equal or exceed those laid down by the Association of American Medical Colleges. For this reason students who complete their pre-medical courses in this University (College of Liberal Arts) are usually better prepared for the study of medicine than those prepared in colleges of different requirements.

6. Students, if conditioned in any subject, cannot be admitted to regular standing.

Under very exceptional circumstances students of unusual ability who are deficient in any pre-medical requirement may be admitted and given one year to qualify for regular standing. The College of Liberal Arts (see page 256) offers summer courses in most of the essential pre-medical branches as an aid to students coming from colleges which do not offer complete pre-medical courses.

7. PROSPECTIVE MEDICAL STUDENTS SHOULD COMMUNICATE WITH THE DEAN EARLY IN THE SPRING IF THEY WISH TO ENTER THE COLLEGE IN THE FOLLOWING FALL. THE FRESHMAN CLASS IS LIMITED TO SIXTY STUDENTS AND DOUBLE THIS NUMBER YEARLY APPLY FOR ADMISSION.

6. RULES GOVERNING MEDICAL STUDENTS

A. SPECIAL STUDENTS.—A limited number of graduates or undergraduates in medicine may be admitted by the Dean to special courses not leading to graduation, upon recommendation of the professor in charge of the course, and upon payment of the fees required. Time credits cannot be given to special students. (See page 56, "Fees, Irregular or Special Students," also page 248, "Credit for work in Medical Colleges.")

Rule adopted October 13, 1921

B. IRREGULAR STUDENTS.—(1) Under exceptional conditions permission may be given by the Dean for students to split their courses, with a view to taking one or more years longer to graduate than is ordinarily required. Such students are called irregular students. No student, however, will be permitted to take any subject of the Senior classes until he has successfully completed all subjects of the Freshman and Sophomore years. (See page 56, "Fees, Irregular or Special Students," also page 248 "Credit for work in Medical Colleges.")

Rule adopted October 13, 1921

(2) Students who are deficient in any pre-medical requirement and are admitted on condition that they qualify for regular standing within a year are also known as irregular students.

N.B. (1). A unit is the credit value of at least 36 weeks work of 4 or 5 recitations per week, each recitation period being not less than 40 minutes. A satisfactory year's work in any subject requires 120 sixty minute hours, or their equivalent.

(2). A semester hour is the credit value of 16 weeks' work consisting of one lecture or recitation per week (50 minutes per lecture).

Three hours of laboratory work is figured as an equivalent to one lecture period.

C. **REGULAR STUDENTS.**—Resident candidates for the degree of Doctor of Medicine must attend a minimum of 80% of the scheduled appointments in each course; they must attain a grade of at least 75% in every course, and an average of 80% in the combined courses of the Junior and Senior years. The professor in charge will determine the satisfactory completion of a course, not only by the grade made on final examination, but by a survey made of the records of attendance, and of the daily work performed by the student. The professor in charge may require an explanation for absences, tardiness, or lack of interest and appreciation on the part of any student, and if satisfactory replies are not forthcoming, it will be his duty to recommend the delinquent to the Dean for discipline or dismissal. It is the aim of the College, not merely to turn out graduates in medicine, but capable graduates, and no student will be considered capable who does not apply himself earnestly and faithfully to his work.

Rule adopted October 13, 1921, amended February 17, 1922

D. **PROMOTIONS.**—1. To Freshman class: See requirements for admission, (page 244.)

2. To Sophomore year: Regular students will not be permitted to enter the Sophomore year if they have more than one failure or one condition. Two failures or two conditions, or one failure and one condition, existing at the beginning of the Sophomore year, will automatically drop the student from the rolls of his class.

Rule adopted October 13, 1921

3. To Junior Year: Students will not be permitted to enter the Junior year if they have any failure or condition remaining from the Freshman year, and if they have more than one failure or one condition remaining from the Sophomore year.

Rule adopted October 13, 1921

4. To Senior Year: Students will not be permitted to enter the Senior year if they have any failure or condition remaining from the Freshman or Sophomore years, and if they have more than one failure or one condition remaining from their Junior year. All conditions and failures of the Junior year must be removed prior to the second semester of the Senior year.

Rule adopted October 13, 1921

5. Upon recommendation of the professor in charge and upon approval by the Dean, a student at the end of the Freshman or Sophomore years may elect to postpone final examination in not more than one subject until the end of the summer, provided he agrees to continue his work in summer schools conducted under direction of the professor in charge of the department concerned, or in schools approved by him.

Rule adopted October 13, 1921.

E.—CREDIT FOR COURSES TAKEN IN COLLEGE OF LIBERAL ARTS.

1. Credit may be allowed for courses taken in colleges of liberal arts that are equivalent to courses given in this College. Such colleges must be recognized by the University of Cincinnati.

2. According to rules of the College and in conformity with various State laws, students cannot be graduated unless they have been resident students in an accredited medical school for a minimum of forty-five calendar months from matriculation to the time of graduation.

Credits, therefore, from colleges of liberal arts, while they may excuse the student from further examinations in the subjects concerned, cannot serve to shorten the required residence in the Medical College.

F.—CREDIT FOR COURSES TAKEN IN COLLEGES OF MEDICINE.

1. Students who have satisfactorily completed in a class A medical college all courses of the same scope and extent as those for which they seek credit in this College, may be admitted to advanced standing, provided that their resident attendance in a medical college equals that which would have been required to obtain corresponding credits in this College.

2. Application blanks for advanced standing will be furnished by the Dean, College of Medicine.

3. Credit for summer courses taken in other class A medical colleges by matriculants of this College may be accepted upon the recommendation of the head of the department concerned.

G.—CREDIT FOR GRADUATES SEEKING A DEGREE FROM THIS COLLEGE.

A graduate from another college of medicine may obtain a diploma from this College under the following conditions only:

1. He must comply, as outlined above, with the conditions for admission to this College, submit the required time and subject credits from the college from which he was graduated, and his diploma.

2. He must remain in residence at this College one college year, taking all such courses as are not covered by his subject credits and repeating such courses of the fourth year as the faculty may require. After these demands are satisfied he may elect such additional courses as he chooses.

3. The total of all courses taken in this College must not be less than that required of the fourth-year class.

4. He must pass examinations in all the courses in which he was found deficient and he must pass all the regular examinations of the fourth year; in addition he must conform to all other requirements for graduation exacted of the regular students of this College.

H.—RULES GOVERNING GRADES, CONDITIONS, FAILURES, AND POOR RECORDS.

1. GRADES: Students are graded on the following University of Cincinnati basis which has been so scaled upward as to satisfy the minimum legal demands of every state in the Union that issues licenses for the practice of medicine.

A—90 to 100 percent.	Very good
B—80 to 89 percent.	Good
C—75 to 79 percent.	Fair
D—60 to 74 percent.	Poor (Condition)
E— 0 to 59 percent.	Failure (Course must be repeated)

The following symbols are also used by the College:

W—Withdrawn officially

Left—Student absented himself without officially withdrawing

Dropped—Required by the Dean to drop the course

Ab—Absent from the examination

Dismissed—Required to leave the College. Dismissals may be honorable or dishonorable.

Students are graded on both their final and midyear examinations. The average of these two marks is the final grade of the course, and is the only grade reported.

The final grade is based upon:

- a. Quality of class work
- b. Attendance
- c. Examinations, written and oral
- d. Such tests as the instructor may employ

2. EXAMINATIONS.—a. The grades reported to the Dean are to be considered *as the final opinion of the instructor as to the knowledge possessed by the student*. Prior to making his report the instructor may re-examine a student, or give him any tests he desires, to enable him to determine correctly the knowledge the student actually possesses. No fees for re-examination will be charged until after the grade has been reported to the Dean. Examinations are not to be considered as conclusive tests, but are designed to enable an instructor to arrive at an estimate of a student's knowledge. The college aims to grade its students by what they know, and not necessarily by their ability to pass written tests.

b. *Cheating in examinations is punishable by summary dishonorable dismissal from the college.*

3. CONDITIONS.—a. A grade of "D" (60 to 74 percent) in any subject conditions the student in that subject.

b. Prior to the re-examination for the removal of a condition the student must satisfy the head of the department, or his authorized representative, that the work outlined for him by the department has been satisfactorily performed.

c. No instructor will re-examine a student for the removal of a condition unless he presents a receipt from the Dean showing that he has paid the fee for the supplemental examination. (See "Special examinations", page 60.)

d. Any condition not removed within one year will be considered a failure requiring a repetition of the course.

e. The standing of "C", or a grade of 75 percent, is the highest mark which any student may receive upon re-examination for the removal of a condition. If he repeats the course, however, he may receive full credit for the grade obtained.

f. In case the average of all grades for the Junior and Senior years is less than 80 percent the student will be considered as conditioned in all subjects in which his grade is less than 80 percent.

g. Students conditioned in three or more subjects in the mid-year examinations will not be permitted to continue in their classes except on the recommendation of the Committee on Promotions.

4. FAILURES.—a. A grade of "E," below 60 percent, constitutes a failure which cannot be removed until the entire course has been repeated. (Credits obtained in Summer School Courses may be accepted upon approval by the head of the department concerned.)

b. Failures must be removed within one year after they have been incurred.

c. A student who repeats a course on account of a failure, either in the regular session or in the summer session, will be credited with the grade he actually obtains.

d. Students who have failed in more than two subjects in the mid-year examinations will not be permitted to continue their classes, except upon the recommendation of the Committee on Promotions.

5. POOR RECORDS.—A consistently poor record will be considered as a sufficient cause for dropping a student from the rolls of the college.

7. REQUIREMENTS FOR GRADUATION

To receive a diploma from this college the student must comply with the following conditions:

a. He must possess a medical student's entrance certificate issued by the examiner of the Ohio State Medical Board.

b. He must have been in residence in this Medical College, or one recognized by the University of Cincinnati, for at least four years. His last year of residence must have been in this college.

c. He must have attended at least 80 percent of all the scheduled appointments of the courses, and have attained a grade of at least 75 in all of the required courses, and an average grade of not less than 80 percent during his Junior and Senior years.

d. He must have passed all courses of the first two years before entering his Senior year, and he must have repeated all courses in which he has failed.

e. He must have discharged all of his financial obligations to the University.

f. He must be present in person to receive his diploma, or after 1925, his certificate that he has completed his college course, from the President of the University at the appointed time. Degrees, or after 1925, certificates, showing that the college course has been completed, will not be conferred *in absentia*, except by special written permission granted by the President.*

g. Beginning with the class entering the College in September, 1922, a year spent as an interne in a hospital approved by the faculty will be a prerequisite to graduation. A year's residence in an approved scientific laboratory may be substituted for the required year of Hospital Service.

8. HONORS, PRIZES, AND FELLOWSHIPS

a. ALPHA OMEGA ALPHA.—A chapter of Alpha Omega Alpha, the honorary medical fraternity corresponding to Phi Beta Kappa, is established in the College of Medicine.

b. BALDWIN FELLOWSHIPS.—Three Baldwin Fellowships for graduate students (in Physiology, Biochemistry, and Bacteriology), provided by the Francis Howard Baldwin bequest, have been allotted to the Medical College. Appointments are made upon recommendation of the head of the department concerned. If no suitable applicant applies, these fellowships may be transferred to other departments.

Each fellowship provides free tuition and \$500.00 per annum, laboratory fees are also remitted.

c. THE PETER T. KILGOUR PRIZE.—The interest from a fund set aside in memory of Dr. Peter T. Kilgour is given as a prize each year by the faculty to that member of the graduating class who in work and character best expresses the ideals of medicine.

d. THE JESSE S. WYLER SCHOLARSHIP.—A prize established in memory of Dr. Jesse S. Wyler is awarded annually to a worthy student.

e. THE GEORGE MENDENHALL SCHOLARSHIP.—In 1921 Mrs. Emma Mendenhall Anderson gave \$2,000, the income to be used for a scholarship in Obstetrics, in memory of her father, Dr. George Mendenhall, for many years Dean of the Miami Medical College.

*Beginning with the class entering the College in September, 1922, a certificate will be given to those who have completed the college course. These certificates will not be conferred *in absentia*, but the diploma given at the end of the Interne year may be conferred *in absentia*.

f. **THE RANSOHOFF FELLOWSHIP IN SURGERY.**—The income of \$25,000 presented by Mrs. Joseph Ransohoff for the promotion of the study of Surgery or Surgical Anatomy is available to endow the "Joseph Ransohoff Fellowship of Surgery" until possible additions to this fund make it possible to endow a professorship in Surgery. The income from this fund amounts to \$1,062 per annum. For further information apply to the Holmes Professor of Surgery.

g. **THE MERRELL FELLOWSHIP IN BIOCHEMISTRY.**—A fellowship of \$1,500 per annum has been established for graduate research in Biochemistry by the Merrell Chemical Company. For further information apply to the Professor of the Department of Biochemistry.

III. COMBINED PROGRAM OF THE COLLEGES OF LIBERAL ARTS AND MEDICINE— GRADUATE DEGREES

1. SEVEN-YEAR COMBINED LIBERAL ARTS AND MEDICAL PROGRAM

(Leading to the degrees A.B., M.D.)*

The entrance requirements of this course are those of the College of Liberal Arts. The A.B. degree is granted upon the joint recommendation of the faculties of the Colleges of Arts and Medicine at the end of the first medical year, the M.D. at the end of the fourth medical year. In this course the student must satisfy all the requirements for the A.B. degree (see Announcement of the College of Liberal Arts), and must also include all subjects required for the pre-medical course.

The 124 credits must be distributed as follows:

94 credits in the College of Liberal Arts:

<i>English</i>	10	
<i>Foreign Languages (French or German)</i>	12	
<i>Natural Science (Chemistry, Physics, Zoology)</i>	10	
<i>History, Economics, Political Science, Social Science</i>	12	
<i>Mathematics, Philosophy, Psychology</i>	12	
<i>Electives (required sciences)</i>	8	
Two years of <i>Gymnasium</i>		
Major subject, <i>Chemistry or Zoology</i> (advanced courses)	18	
Major Distributed Credits (<i>Chemistry, Physics, Zoology</i>)	12	
TOTAL	—	94
30 credits in the first year of the medical course		30

2. SIX-YEAR COMBINED LIBERAL ARTS AND MEDICAL PROGRAM

(Leading to the degrees B.S., M.D.)†

Students who have completed the first two pre-medical years (60 credits, plus two years of gymnasium) in the University of Cincinnati, or in another college of recognized standing, and received therein grades satisfying the requirements of the University of Cincinnati, may, on the joint recommen-

*Students electing the above course will not be granted the B.S. degree after completing the second year of the medical course. Those courses in the College of Liberal Arts counting for a Bachelor's degree in either the six or seven-year combined liberal arts and medical program may not count for more than one Bachelor's degree.

†Students who receive the B.S. degree on the completion of this course may not be granted the A.B. degree by taking additional courses in the College of Liberal Arts or in the College of Medicine.

dation of the faculties of the Colleges of Liberal Arts and Medicine, receive the B.S. degree from the University of Cincinnati on the satisfactory completion of the curriculum of the first two medical years at the College of Medicine of the University of Cincinnati. This provision makes it possible for a student to receive both the Bachelor of Science degree and the Doctorate of Medicine in six years from the time of entering college.

The B.S. degree is granted at the end of the second medical year. Every candidate for the B.S. degree from the University of Cincinnati must obtain not less than 30 credits in residence in the College of Liberal Arts of this University.

These credits may, if the student so desires, be gained during his first and second years in the College of Medicine by work in the departments of anatomy, biochemistry, physiology, pharmacology, bacteriology, and pathology, recognized by the College of Liberal Arts.

FIRST YEAR

The courses prescribed in the pre-medical years of the College of Liberal Arts of the University of Cincinnati or for which an equivalent in credit must be brought from some other college of recognized standing are as follows:

Chemistry—10 hours: *First semester*, Courses 1 and 2; *second semester*, Courses 3 and 4

Zoology—10 hours: Courses 1 and 2

English—6 hours: Course 1

German—6 hours: Course 1; or *French*—6 hours: Course 1

Physical Education—2 hours

A reading knowledge of either French or German is required, whether the language be studied in high school or college. A student without high school French or German, must elect German 1 or French 1 in his first year, and German 20 or French 20 in his second year. If he has had two years of high school German, he must elect German 20 (scientific German) in his first year, and he may take either French 1 or an elective in his second year. If he has had two years of high school French, but no German, he must take French 20 in his first year, and German 1 or an elective in his second year. A student already having a reading knowledge of French or German (four years of either) is not required to take a foreign language in his pre-medical course, although he is strongly urged to do so. In case such a student takes no foreign languages, he must substitute, with the approval of his Adviser, an elective subject.

SECOND YEAR

Chemistry—9 hours: *First semester*, Course 7, analytical chemistry, 4 hours. *Second semester*, Courses 8 and 9, organic chemistry, 5 hours

Physics—10 hours: *First semester*, Courses 26 and 2; *second semester*, Courses 27 and 22

Vertebrate Embryology—4 hours, *second semester*; *Zoology*, Courses 19b and 20b

Scientific German—4 hours (German 20); or *Scientific French*—4 hours (French 20). (See paragraph on French and German under "First Year.")

Physical Education—2 hours

Elective—5 hours, *first semester*

The third, fourth, fifth, and sixth years of this combined course are the regular years of the College of Medicine.

IV. SUMMER COURSES

*1. PRE-MEDICAL COURSES

JUNE 20-AUGUST 13, 1921

The best medical colleges now require, in addition to a complete four-year high school course, two years of college training, including general, analytical, and organic chemistry, a year's work in physics and zoology each, and at least one modern language. As many colleges have not yet established these courses, or have not the laboratory facilities for giving the requisite practice, the preparation of many students applying for admission to the College of Medicine of the University of Cincinnati is incomplete.

The University of Cincinnati will, accordingly, offer courses in the summer of 1921 in physics, analytical chemistry, organic chemistry, and zoology. These courses began June 20, and continued until August 13, a term of eight weeks. They are open to students whose credentials, filed with the Director of Admissions, show that they have completed the high school course. Those taking chemistry must have had one year of general chemistry at college. Special students, not candidates for a degree, will also be admitted, provided they show satisfactory preparation for the particular course to be taken. No student will be allowed to take more than one full course or two half courses. A full course consists of one lecture and one laboratory period six days a week, and a half course of one lecture and one laboratory period three days a week.

Students completing these courses in satisfactory manner receive credits for admission to the College of Medicine. Furthermore, the credits granted in the pre-medical summer courses will partially fulfill the requirements for the combined B.S., M.D. degree as follows: analytical chemistry, 4 credits; organic chemistry, 4 credits; physics, 8 credits; zoology, 8 credits.

CHEMISTRY

- 7c. ANALYTICAL CHEMISTRY.—A course in quantitative analysis, including part of the work offered in Course 7, as outlined in the Announcement of the College of Liberal Arts. Lec., Tu., Th., S., 8:00-9:30; lab., Tu., Th., S., 9:30-12:00. 4 credits. Dr. Oesper
Prerequisite: Courses 1a, 2a, 3b, 4b, or their equivalent

*These courses are conducted in the College of Liberal Arts.

- 8c. **ORGANIC CHEMISTRY.**—The lectures cover the chief classes of organic compounds and are arranged to meet the needs of those entering on the study of medicine or biology. This course is a prerequisite to the study of biochemistry. It is also useful to physicians desiring to continue their studies either in biochemistry or physiology. Lec., M., W., F., 8:00-9:30; lab., M., W., F., 9:30-12:00. Four credits. Drs. Fry, Neuffer
Prerequisite: Courses 1a, 2a, 3b, 4b, or their equivalent

PHYSICS

The course in physics comprises, as far as possible, the regular courses of the department numbered 26, 27, 2, and 22. It is intended for students preparing to enter the College of Medicine, and its completion will satisfy the physics requirement for entrance to that college. Lec., M., Tu., W., Th., F., S., 8:00-9:30; lab., M., Tu., W., Th., F., S., 9:30-12:00. Eight credits. Dr. Allen

ZOOLOGY

The course in zoology corresponds to the regular courses in the Announcement of the College of Liberal Arts numbered 1 and 2. It is especially adapted to the needs of students intending to study medicine. Lec., M., Tu., W., Th., F., S., 8:00-9:30; lab. M., Tu., W., Th., F., S., 9:30-12:00. Eight credits. Dr. Day

*2. MEDICAL COURSES

JUNE 19-AUGUST 12, 1922

BIOCHEMISTRY

A lecture and laboratory course dealing with the chemistry of the foods, of the human body, the reactions occurring therein, and the secretions. The equivalent of the biochemistry of the regular medical course. Six lecture and six laboratory periods a week for eight weeks. Lec., M., Tu., W., Th., F., S., 8:00-9:00; lab., M., Tu., W., Th., F., S., 9:00-12:00. Six credit hours. Tuition fee, \$35; breakage deposit, \$10. Dr. Mills
Prerequisite: General and organic chemistry

PHYSIOLOGY

1. A lecture and laboratory course dealing with the general physiology of the cell, the blood and the circulation, respiration, muscle-nerve, alimentation, absorption and secretion, and animal heat. One lecture and one laboratory period a day for a term of eight weeks. Lec., M., Tu.,

*These courses are conducted in the College of Medicine. They are open to undergraduates and physicians.

W., Th., F., S., 8:00-9:00; lab., M., Tu., W., Th., F., S., 9:00-11:30. Tuition fee, \$30; breakage deposit, \$10. Dr. Kehoe

2. A lecture and laboratory course covering the physiology of the nervous system. The hours are the same as for Course 1. Course 2 alternates with Course 1 in successive years to meet the needs of the students who apply. Tuition fee, \$30; breakage deposit, \$10.

Dr. Kehoe

BACTERIOLOGY

A lecture and laboratory course dealing with bacteriology and parasitology. This course is accepted as the equivalent for the regular course in general bacteriology. Six lecture and laboratory periods a week for eight weeks. Lec., M., Tu., W., Th., F., S., 8:00-9:00; lab., M., Tu., W., Th., F., S., 9:00-12:00. Five credit hours. Tuition fee, \$30; lab. fee, \$10; breakage deposit, \$10. Mr. McKhann

ANATOMY

A review course in gross anatomy for those who have had previous training, or desire additional work. The course includes a dissection and study of the entire body, with two men to a lateral half.

For the session of 1921, the course began on June 20th, lasting eight weeks. Classes were held each M., Tu., W., Th., F., S., 8:00-12:00 noon.

Final examinations covering the subject of gross anatomy will be given to those who complete the course and credit will be given therefor.

Tuition fee, \$35; students will be charged for the material used. This charge will not exceed \$15. Dr. O. V. Batson in charge.

RADIOLOGY

A course for physicians and x-ray technicians, covering the mechanical methods involved in radiology as well as the interpretation of plates. The clinics of the Hospital furnish abundant material for demonstration purposes, while the classified collection of over 50,000 plates is available for study. Class limited to twenty. 200 hours. Tuition fee, \$200. Dr. Little

V. COURSES OF INSTRUCTION BY DEPARTMENTS

1. GENERAL SCHEDULES OF STUDY

GENERAL PLAN OF INSTRUCTION AND MINIMUM HOURS REQUIRED.—

In the four sessions of the medical course, each consisting of 192 working days (two semesters), a minimum of 3,956 hours of work is required by this faculty. Effort is made to hold the required duties of the student at this minimum in order that he may spend his free time in the prosecution of elected studies or in special or research endeavor in some one of the departments of the college, with the advice and under the supervision of the Dean.

	Minimum American Medical Association Standard	Minimum University of Cincinnati College of Medicine
Anatomy	684	730
Physiology	288	288
Biochemistry	180	180
Pathology, including Necropsies	288	330
Bacteriology, including Serology and Immunology	126	160
Preventive Medicine and Public Health	54	54
Pharmacology, Materia Medica and Pharmacy	216	240
General Medicine, including Laboratory Diagnosis	540	560
Paediatrics	144	188
Psychiatry and Nervous Diseases	126	129
Dermatology and Syphilology	72	77
Medical Jurisprudence	18	18
Surgery	396	456
Orthopedic Surgery	72	82
Urology	36	75
Ophthalmology	54	72
Otology, Rhinology, and Laryngology	54	87
Roentgenology	36	40
*Obstetrics, including Obstetric Surgery	144	152
Gynaecology	72	97
TOTALS	3,600	4,015

*Exclusive of time spent in attendance on cases

1. ANATOMY

The Anatomical Department occupies the entire north wing of the Medical College. The three main floors are each 120 feet long and 60 feet wide. These constitute the classrooms and laboratories of the department. The fourth floor is equipped for the preparation of skeletons, wax plates for models, and also contains steam vats and incinerators. The basement floor contains an animal room, janitors' rooms, workshops, storage rooms, and a complete vault suite for the preparation and storage of bodies, including vats, cold rooms, and zero freezing rooms. This suite is connected with the dissecting rooms by an independent electric body-lift, and, like all other floors of the anatomical department, it has its own separate suction ventilation equipment, operated by electricity.

A number of isolated study rooms adjoin the laboratories on the three main floors. One of the largest of these rooms is used by visiting physicians and surgeons for special investigations. It is equipped with wet and dry specimens. A reference library of anatomical literature and plates is conveniently located for those pursuing advanced study.

PROFESSOR HENRY McE. KNOWER.—Head of Department

PROFESSORS KNOWER, MALONE; ASSISTANT PROFESSOR BATSON

DIVISION I. GROSS HUMAN ANATOMY AND EMBRYOLOGY

Course 1. VERTEBRATE EMBRYOLOGY (ELEMENTARY).—This course is given in the College of Liberal Arts. *While not a prerequisite for admission to the College of Medicine, students are strongly urged to take this course as a pre-medical study.* It is scheduled in the announcement of the College of Liberal Arts under the department of Zoology as Course 19b and Course 20b.

Freshman class, *first semester*. 32 hours lectures, 96 hours laboratory,
4 credit hours. Mr. Wieman in charge of 19b (Coll. Liberal Arts)

Mr. Day in charge of 20b (Coll. Liberal Arts)

Course 6. EMBRYOLOGY (ADVANCED), *Elective*. Open to any qualified person after consultation with the head of the department.

Course 4a. GROSS HUMAN ANATOMY.—Required. Freshman class, *first semester*. 192 hours, 6 credit hours.

Dr. Knower in charge, assisted by Dr. Batson

Course 4b. GROSS HUMAN ANATOMY.—*Required*. Same as Course 4a.

Freshman class, *second semester*, 240 hours, 7 credit hours.

Dr. Knower in charge, assisted by Dr. Batson

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BIOCHEMISTRY

Course 5. ADVANCED ANATOMY.—*Elective*. Special anatomical work and research can be arranged for with the head of the department. (All courses here outlined including those in Division II are open to other than medical undergraduates who have prerequisites and who desire credits in this subject toward degrees other than medical. Courses 5, 6, and 3 are especially useful to post-graduates preparing for specialization in diagnosis, surgery or specialties.)

Dr. Knower in charge

Course 7. STAFF COURSE.—*Elective*. This course is given on Wednesday evenings from eight to ten o'clock throughout the year. It is open to graduate students and visiting physicians.

Course 8. SEMINAR.—*Elective*. A weekly meeting for staff, graduates, and medical students. 30 hours. Department staff

DIVISION II. MICROSCOPIC ANATOMY

Course 2a. HISTOLOGY AND ORGANOLOGY.—*Required*. Freshman class, first semester, 144 hours, $4\frac{1}{2}$ credit hours. Dr. Malone in charge

Course 2b. HISTOLOGY AND ORGANOLOGY.—*Required*. Same as Course 2a. Freshman class, second semester, 36 hours, $1\frac{1}{2}$ credit hours.

Dr. Malone in charge

Course 3. NEUROLOGICAL ANATOMY.—*Required*. Laboratory exercises, lectures and lantern demonstrations. Freshman class, second semester, 60 hours, 2 credit hours. Dr. Malone in charge

2. BIOCHEMISTRY

The Department of Biochemistry occupies large, well lighted and ventilated laboratories capable of accommodating comfortably one hundred men in undergraduate work. Each desk has gas, hot and cold water, electricity and a blast, and a good equipment of glassware. There are separate digestion, titration, and refrigerating rooms adjoining the main laboratory and there are private rooms for advanced work and laboratories for members of the staff. The equipment throughout is new and up-to-date, and the conditions for work are unexcelled in the country. Immediate contact with the hospital permits the easy obtaining of pathological fluids for chemical examination.

It is the aim of the department not only to give a thorough grounding in physiological chemistry but to stimulate the spirit of investigation in its students and to co-operate with the hospital and other departments of the Medical School in every way in improving the methods for diagnosing and curing disease and in elucidating its nature.

The courses offered in the department are for both medical and graduate students. Courses 1 and 2 are required of all medical students and may be

taken either by graduate or college students for graduate or college credit. Inorganic and organic chemistry are prerequisites. The other courses may be elected by medical or graduate students. The Department of Internal Medicine places at the disposal of the Department of Biochemistry suitable cases in the wards of the Cincinnati General Hospital.

The Department is organized into various divisions each of which covers a portion of the work in this field. Each division is under the charge of a chief or acting chief who is responsible for work in that division.

PROFESSOR ALBERT PRESCOTT MATHEWS, Head of Department

PROFESSORS MATHEWS: ASSOCIATE PROFESSOR TASHIRO: INSTRUCTOR MILLS

DIVISION I. GENERAL PRINCIPLES OF BIOCHEMISTRY;
GRADUATE INSTRUCTION; RESEARCH

Course 1. GENERAL BIOCHEMISTRY OF THE TISSUES AND FLUIDS OF THE BODY.—A lecture and recitation course.

Freshman year, *first semester*, 45 hours, 3 credit hours

Dr. Mathews in charge

Course 2. GENERAL BIOCHEMISTRY OF THE TISSUES AND FLUIDS OF THE BODY.—A laboratory course accompanying Course 1. Freshman year, *first semester*, 135 hours, 3 credit hours.

Dr. Mathews in charge

Course 7. RESEARCH WORK IN BIOCHEMISTRY.—3 to 16 credit hours.

Dr. Mathews in charge, assisted by Drs. Tashiro, Mills

Course 8. SEMINAR.—*Elective*. Open to graduate and medical students.

Each semester, 15 hours, 1 credit hour.

Department staff

DIVISION II. BIO-PHYSICAL CHEMISTRY OF VITAL PHENOMENA

Course 6. PHYSICO-CHEMICAL METHODS OF BIOCHEMISTRY.—*Elective*. Conferences and laboratory, 6 to 12 hours a week, 3 to 6 credit hours.

Dr. Tashiro in charge

DIVISION III. BIOCHEMISTRY AS APPLIED TO THE DIAGNOSIS OF DISEASE

Course 5. QUANTITATIVE METHODS OF BLOOD AND URINE ANALYSES.—*Elective*. A laboratory course with specific reference to method of diagnosis, for graduate and medical students who have had Courses 1 and 2 or their equivalent.

Second semester, 6 to 12 hours a week, 3 or 6 credit hours.

Dr. Tashiro in charge

DIVISION IV. NUTRITION; VITAMINES; ENZYMES; DIETETICS

No courses are at present offered in this division.

DIVISION V. CHEMISTRY OF TISSUES; BLOOD; METABOLIC CO-ORDINATION;
DUCTLESS GLANDS

Course 4. THE INTERNAL SECRETIONS.—*Elective*. A continuation course for medical and graduate students. Lectures and discussions of recent and important problems. *Second semester*, 15 hours, 1 credit hour.
Dr. Mathews in charge

DIVISION VI. PLANT CHEMISTRY

This division is still unorganized.

3. PHYSIOLOGY

The work in physiology is done in the well equipped two and one half floors of the south wing of what is known as the Medical College building. A lower half floor is given over to mammalian work; a middle floor is devoted to undergraduate laboratories and classrooms; the top floor to the needs of advanced workers and research. There is in addition a large two-story animal house with special operating rooms on the first floor and a second floor occupied by the technical assistant of the department.

Only such courses in physiology are given under the direction of this department as are required for graduation in medicine, and such as are necessary to meet the desires of graduate or special students in science and practitioners of medicine. Courses in physiology for general science students are offered by the Department of Zoology. (See the Announcement of the College of Liberal Arts.)

PROFESSOR MARTIN FISCHER, Head of Department

PROFESSOR FISCHER; ASSOCIATE PROFESSOR *BAEHR; ASSISTANT PROFESSOR KEHOE; INSTRUCTOR MCINTYRE; ASSISTANT ECKSTEIN

DIVISION I. MEDICAL PHYSIOLOGY

Course 1. THE GENERAL PHYSIOLOGY OF THE CELL, THE BLOOD, CIRCULATION, RESPIRATION, MUSCLE-NERVE, AND ALIMENTATION.—A lecture and conference course. Freshman year, *second semester*, 48 hours, 3 credit hours.
Dr. Fischer in charge

Course 3. THE PHYSIOLOGY OF METABOLISM, ANIMAL HEAT, ABSORPTION, SECRETION, AND THE DUCTLESS GLANDS.—A lecture and conference course. Sophomore year, *first semester*, 48 hours, 3 credit hours.
Dr. Fischer in charge

*Absent on leave, 1922

- Course 7. CLINICAL PHYSIOLOGY.—*Elective*. Six lectures and conferences on physiological principles useful clinically. Open only to qualified Juniors at hours especially arranged for. One-third credit hour.
Dr. Fischer in charge
- Course 8. CLINICAL PHYSIOLOGY.—*Elective*. Six lectures or conferences on physiological principles useful clinically. Open only to qualified Seniors at hours especially arranged for. One-third credit hour.
Dr. Fischer in charge

DIVISION II. MEDICAL PHYSIOLOGY

- Course 2. A laboratory course paralleling Course 1 and illustrating the classical experiments upon which our present knowledge of the subject rests.
Freshman year, *second semester*, 96 hours, 2 credit hours.
Dr. Kehoe in charge, assisted by Drs. Fischer, McIntyre, Eckstein
- Course 4. THE PHYSIOLOGY OF THE SPINAL CORD, THE BRAIN, AND THE SPECIAL SENSES.—A lecture and conference course.
Sophomore year, *first semester*, 32 hours, 2 credit hours.
Dr. Kehoe in charge, assisted by Dr. McIntyre
- Course 5. A laboratory course in physiology, paralleling Courses 3 and 4.
Sophomore year, *first semester*, 96 hours, 2 credit hours.
Dr. Kehoe in charge, assisted by Drs. Fischer, McIntyre, Eckstein

DIVISION III. RESEARCH

- Course 6. Open to any qualified person after consultation with the head of the department.

4. PATHOLOGY

The work in pathology is carried on in the pathologic institute. The entire building is shared with the Department of Bacteriology. During the Sophomore year the general course in pathology, emphasizing the fundamental principles of gross morbid anatomy and pathological histology, is given. It is supplemented by courses which correlate pathology with bacteriology and clinical subjects.

The Professor of Pathology is Pathologist to the Cincinnati General Hospital, all of the resources of which are available for teaching purposes.

About two hundred and sixty necropsies are held each calendar year. Students of the two upper classes follow cases from the bedside to the post-mortem rooms as a part of their required instruction.

PROFESSOR RICHARD S. AUSTIN, Head of Department

PROFESSOR AUSTIN; ASSISTANT KNIGHT

DIVISION I. GENERAL PATHOLOGY

Course 2. PRINCIPLES OF PATHOLOGY.—Lectures and demonstrations. Sophomore year, *first semester*, 32 hours, 1 credit hour.

Dr. Austin in charge, assisted by Dr. Kehoe

Course 2b. PRINCIPLES OF PATHOLOGY.—Practical demonstrations at the necropsy table. The students assist in the demonstrations. The number of hours each student consumes in this course is irregular, depending upon conflicting exercises.

Dr. Austin in charge, assisted by Dr. Kehoe

Course 3a. PATHOLOGIC HISTOLOGY.—Sophomore year, *first semester*, 160 hours, 3 credit hours.

Dr. Austin in charge, assisted by Dr. Kehoe

DIVISION II. SPECIAL PATHOLOGY

Course 4a. PATHOLOGY OF BONES AND JOINTS.—Sophomore year, *first semester*, 10 hours, five-eighths credit hour.

Dr. Cofield (Department of Orthopedic Surgery) in charge

Course 4b. NEURO-PATHOLOGY.—Sophomore year, *first semester*, 6 hours, three-eighths credit hours.

Dr. Shinkle (Department of Neurology) in charge

DIVISION III. COMBINED EXERCISES

Course 3b. PATHOLOGY AND BACTERIOLOGY.—Sophomore year, *first semester*, 32 hours, 1 credit hour for pathology.

Dr. Austin in charge for Pathology, assisted by Dr. Knight

Dr. Wherry in charge for Bacteriology

Course 5. PATHOLOGY AND MEDICINE.—(See Division III., Course 9, Department of Medicine.)

DIVISION IV. RESEARCH

Course 6. *Elective*. For qualified persons who wish to do special work.

Dr. Austin in charge

5. BACTERIOLOGY AND HYGIENE

(1) The courses in bacteriology are given in the pathologic institute. One entire floor of this building is devoted to a students' laboratory and to a number of rooms set aside for special research. Another entire floor is divided into special operating rooms and quarters for animals.

The professor of bacteriology is the director of the bacteriological service in the Cincinnati General Hospital and has access for teaching purposes to everything dealing with the problem of communicable diseases which comes up in the Hospital.

As far as possible the medical aspects of bacteriology and animal parasitology are taught by the study of material obtained from the wards and post-mortem rooms of the Hospital. The clinical and the laboratory aspects of disease are thus unified.

(2) The courses in hygiene are given in the college building, four rooms having been assigned to this division. The courses aim to give a working knowledge of sanitation and hygiene and to prepare students to take advanced courses in preventive medicine leading to the degree of DR.P.H.

PROFESSOR WILLIAM B. WHERRY, Head of Department

BACTERIOLOGY

PROFESSOR WHERRY; INSTRUCTORS BERGHAUSEN, GERINGER; STUDENT ASSISTANT MCKHANN

HYGIENE

ASSOCIATE PROFESSOR MCCORD; INSTRUCTOR ANDRESS

DIVISION I. BACTERIOLOGY

Courses 1 and 2. These courses deal with the principles of bacteriology. Sophomore year, *first semester*, 174 hours, 5 credit hours.

Dr. Wherry, Mr. McKhann (Assistant)

Course 3. ADVANCED BACTERIOLOGY.—*Elective*. A course open to a limited number of qualified students. Hours to be arranged with the head of the department.

Dr. Wherry, Mr. McKhann (Assistant)

Course 4. RESEARCH.—A course open to a limited number of qualified students. Hours to be arranged with the head of the department.

Dr. Wherry, Mr. McKhann (Assistant)

Course 8. SEMINAR.—Required of all members of the Sophomore class. Saturday mornings at 11:00, 16 hours, 1 credit hour.

Dr. Wherry in charge, Mr. McKhann (Assistant)

DIVISION II. SEROLOGY

Course 7. A lecture and conference course with practical demonstrations in immunology and immuno-diagnostics including vaccines, sera, etc. *Elective* for Sophomores, *second semester*, 8 hours, one half credit hour.

Dr. Geringer in charge

DIVISION III. HYGIENE

Course 5. Lecture course on the personal and the municipal hygiene of transmissible diseases. Sophomore class, *second semester*, 16 hours, 1 credit hour.

Dr. McCord in charge

Course 5a. TROPICAL MEDICINE AND MILITARY HYGIENE.—Sophomore year, *second semester*, 16 hours. Credited as part of course 5.
Dr. Greenleaf in charge

Course 6. Laboratory course covering public health technical methods, such as water and milk analysis, testing of disinfectants, detection of carriers, food inspection, and field work.
Sophomore year, *second semester*, 80 hours, 2 credit hours.
Dr. McCord in charge, Mr. Address (Assistant)

DIVISION IV. COMBINED COURSES

Course 9. BACTERIOLOGY AND PATHOLOGY.—(See Division III course 3b, Department of Pathology.) 16 hours, one-half credit hour for bacteriology.

Course 11. HYGIENE AND MEDICINE.—*Elective*. Dr. McCord in charge for Hygiene, Dr. Friedlander in charge for Medicine.

6. PHARMACOLOGY, MATERIA MEDICA, AND THERAPEUTICS

The Department of Pharmacology occupies the second and third floors of the central portion of the Medical College building. In addition to this space the department also has a suite of four large animal rooms (including a special room for aseptic operations) and a small storage room on the fourth floor. On the roof is a large runway for animals and a small isolation room. Altogether the department possesses some twenty-seven rooms, including a variety of private laboratories, offices, store rooms, etc. On the second floor is a shop splendidly equipped with machine tools for both wood and metal work. In addition there are power grinding machines and an excellent assortment of hand tools. A new dark room has just been built. The class laboratories and lecture rooms are well equipped with new and thoroughly modern apparatus, and new equipment, drugs, etc., are being constantly added to the department.

PROFESSOR DENNIS E. JACKSON, Head of Department

PROFESSOR JACKSON; ASSISTANT PROFESSORS SOUTHWORTH, LAWRENCE, INSTRUCTOR TEUCHTER

DIVISION I. THE PRINCIPLES OF PHARMACOLOGY AND MATERIA-MEDICA

Course 1. A course consisting of lectures, stereopticon illustrations, recitations, and demonstrations. Sophomore year, *second semester*, 48 hours, 3 credit hours.

Dr. Jackson in charge, assisted by Dr. Lawrence

Course 2. A laboratory course covering the experimental side of Course 1. Given synchronously with Course 1. Sophomore year, *second semester*, 96 hours, 2 credit hours.

Dr. Jackson in charge, assisted by Dr. Lawrence

DIVISION II. THE PRINCIPLES AND PRACTICE OF THERAPEUTICS

Course 5. A lecture course dealing with the general principles involved in the treatment of disease. Junior year, *first and second semesters*, 32 hours, 2 credit hours.

Dr. Teuchter in charge

DIVISION III. HISTORICAL LECTURES

Course 6. A lecture course given in connection with Division I, Course 1, Sophomore year, *second semester*, 8 hours, one-half credit hour.

Dr. Jackson in charge

DIVISION IV. THE PRINCIPLES AND PRACTICE OF NON-DRUG THERAPY

Course 9. A series of general lectures upon the principles and practice of such non-therapeutic measures as baths, electricity, changes of climate, etc. Junior year, *first and second semesters*, 32 hours, 2 credit hours.

Dr. Southworth in charge

DIVISION V. RESEARCH

Course 7. An elective course in which the student is given lectures and demonstrations covering the methods involved in preparing animals and apparatus for use in research. Following this, problems are given for the student to solve under the direction of the instructor.

Dr. Jackson in charge, assisted by staff

7. MEDICINE

The work in the department of internal medicine is carried on in the wards, laboratories, and dispensary of the Cincinnati General Hospital, and in the lecture rooms of the college building. The first floor of the Pathologic Institute is devoted to clinical pathology. In the Hospital 160 beds are available for medical patients.

Beginning in the sophomore year, the work of the department extends throughout the junior and senior years, the aim being to give to the student an orderly and comprehensive review of the subject. For those having time and the proper preparation elective courses are offered in the department.

PROFESSOR ROGER S. MORRIS, Head of Department

PROFESSORS MORRIS, BROWN, FRIEDLANDER; ASSOCIATE PROFESSORS BETTMAN, HEYN, DUNHAM, ERICKSON; ASSISTANT PROFESSORS BERGHAUSEN, WEISS; INSTRUCTORS FORD, OSMOND, KENNEDY, STIX, BENJAMIN, SALTZMAN, GATH, ISAACS, NORTON, S. OLIVER; ASSISTANTS NOONAN, SKAVLEM, BISHOP

TUBERCULOSIS DIVISION

ASSOCIATE PROFESSOR DUNHAM (Head of Tuberculosis Department);
PROFESSOR ALFRED FRIEDLANDER (Chief of Consulting Staff of the Tuberculosis Sanatorium)

DIVISION I. PHYSICAL DIAGNOSIS

DR. WEISS (Chief), assisted by Drs. GERINGER, ISAACS, AND NOONAN

Course 1. PHYSICAL DIAGNOSIS.—Sophomore year, *second semester*, 32 hours, 2 credit hours.

Course 2. PHYSICAL DIAGNOSIS.—Junior year, *first semester*, 32 hours, 2 credit hours.

Course 3. While not given in this division, this course is a continuation of some of the work given here. (See Division of General Medicine, Subdivision 7, Tuberculosis.)

Course 4. RECITATIONS IN GENERAL MEDICINE.—Junior year, *first and second semesters*, 32 hours, 2 credit hours. Drs. Benjamin, Stix

DIVISION II. CLINICAL PATHOLOGY

Dr. Morris (in charge), assisted by Drs. Weiss and Isaacs

Course 5. CLINICAL PATHOLOGY.—Junior year, *first and second semesters*, 96 hours, 3 credit hours.

Course 15. ADVANCED WORK IN CLINICAL HAEMATOLOGY.—An elective course open to those qualified. Limited to four students. Junior and Senior years, *second semester*. Dr. Morris

Course 16. BLOOD CHEMISTRY.—An elective course in the newer methods of blood chemistry, using material obtained from patients in the medical wards. Limited to four students. Junior and Senior years, *second semester*. Dr. Weiss

Course 18. BASAL METABOLISM.—An elective course, consisting of practical exercises demonstrating indirect calorimetry and gaseous exchange in health and disease. Limited to five students. Senior year, *second semester*. Dr. Isaacs

DIVISION III. GENERAL MEDICINE

Subdivision 1. Dispensary Clinics: Dr. Brown (Chief), assisted by Drs. Erickson, Kennedy, Benjamin, Saltzman, S. Oliver, Heyn, Ford, Osmond, Stix, Geringer, Noonan

Course 7. DISPENSARY CLINICS IN MEDICINE.—Every Junior spends two hours daily throughout half a year in the medical clinic, where he has practical experience and instruction in history taking, physical examination, diagnosis, and treatment. 96 hours, 2 credit hours.

Subdivision 2. Hospital Ward Classes: Dr. Morris (chief), Dr. Brown (Executive Officer), assisted by Drs. Friedlander, Ford, Heyn, Weiss, Osmond, and Benjamin

Course 8. HOSPITAL WARD CLASSES.—Each Senior spends four hours daily for ten weeks in the medical wards of the hospital, serving as clinical clerk. Part of his time is spent in making rounds with the staff officers under whose direction he is working. 180 hours.

Drs. Morris, Brown, Friedlander, and staff

Course 9. CLINICAL-PATHOLOGICAL CONFERENCE.—(See also Department of Pathology.) The clinical findings and diagnosis of medical cases on which autopsies have been performed are presented and the organs then demonstrated. Senior year, *first and second semesters*, 32 hours, 2 credit hours. Drs. Austin and Morris

Subdivision 3. Diseases of the Kidneys and Disorders of Metabolism: Dr. Brown, in charge, assisted by Drs. Heyn, Weiss, and Isaacs

Course 13. LECTURES ON DISEASES OF THE KIDNEYS AND DISORDERS OF METABOLISM.—Senior year, *first semester*, 16 hours, 1 credit hour. Dr. Brown in charge
(See also Courses 16 and 18, Division of Clinical Pathology.)

Subdivision 4. Diseases of the Digestive Tract and Dietetics: Dr. Bettmann in charge.

Course 6. LECTURES ON DIETETICS.—Junior year, *first semester*, 16 hours, 1 credit hour. Dr. Bettmann in charge

Course 10. DISEASES OF THE DIGESTIVE TRACT.—Lectures on diagnosis and treatment. Senior year, *second semester*, 16 hours, 1 credit hour. Dr. Bettmann in charge

Subdivision 5. Diseases of the Circulatory System: Dr. Friedlander in charge, assisted by Dr. Benjamin

Courses 11. DISEASES OF THE HEART.—Lectures on diagnosis and treatment. Senior year, *first semester*, 16 hours, 1 credit hour. Dr. Friedlander in charge

Course 20. GRAPHIC REPRESENTATION OF CARDIAC DISORDERS.—An elective course including practical demonstrations of disorders of the heart beat as shown by polygraphic and electrocardiographic studies. Limited to six students. Senior year, *first semester*. Dr. Benjamin in charge

Subdivision 6. Diseases of the Respiratory Tract and of the Ductless Glands and Diseases of the Blood: Dr. Morris (in charge), assisted by Drs. Erickson, Weiss, and Isaacs

Course 12. DISEASES OF THE RESPIRATORY TRACT AND OF THE DUCTLESS GLANDS AND DISEASES OF THE BLOOD.—A recitation and confer-

ence course. Senior year, *first and second semesters*, 32 hours, 2 credit hours. Dr. Morris in charge

Course 17. DISEASES OF THE LUNGS AND PLEURA.—*Elective*, limited to four students. Senior year, *second semester*. Dr. Erickson in charge (See also Courses 15, 16 and 18, Division of Clinical-Pathology.)

Subdivision 7. Tuberculosis: Dr. Dunham (in charge), Dr. Friedlander (Medical Consultant), assisted by Drs. Gath, Norton, Skavlem, and Bishop.

Course 3. PHYSICAL DIAGNOSIS.—The Junior class spends three hours a week for one semester at the Cincinnati Tuberculosis Hospital, the time being devoted to physical diagnosis, x-ray findings, discussion of treatment, and social aspects of tuberculosis. Junior year, *second semester*, 48 hours, 1 credit hour.

Dr. Dunham in charge

Subdivision 8. Infection, Immunity, and Specific Therapy:

Course 14. INFECTION, IMMUNITY, AND SPECIFIC THERAPY.—Lectures and demonstrations. Junior year, *second semester*, 16 hours. One credit hour. Dr. Berghausen in charge

ELECTIVE COURSES

In addition to courses 15, 16, and 18 in the Division of Clinical Pathology, and Courses 17 and 20 in the Division of General Medicine, the following elective courses are offered:

Course 19. MEDICAL OPHTHALMOSCOPY.—An elective course offered jointly by the departments of ophthalmology and of medicine. Limited to six students. Senior year, *first semester*, 1 hour weekly. Dr. Reid (in charge), assisted by Dr. Erickson

Course 21. APPLIED THERAPEUTICS.—An elective course offered jointly by the departments of pharmacology and of medicine for the clinical investigation of new drugs. Laboratory study of their pharmacological actions is followed by clinical observations in the medical wards. Limited to two students. Senior year, *first and second semesters*. Dr. Morris (in charge) for Medicine. Dr. Jackson, for Therapeutics

Course 22. MODERN DIAGNOSTIC METHODS.—An elective course comprising special methods of investigation of medical cases. Limited to six students. Senior year, *first semester*. Dr. Isaacs in charge

8. PAEDIATRICS

The courses in paediatrics are given in the Cincinnati General Hospital and in the Dispensary. They include lectures, recitations and demonstra-

tions covering the care, nutrition, and development of children and the diseases of childhood. Practical work in infant feeding is given in the Babies Milk Fund stations to small groups of students. In the Contagious Department of the Cincinnati General Hospital abundant opportunity is given to study all forms of contagious disease.

PROFESSOR KENNETH D. BLACKFAN, Head of Department

SECTION OF CHILDREN'S DISEASES

PROFESSORS BLACKFAN, RACHFORD; ASSOCIATE PROFESSOR LAMB; ASSISTANT PROFESSORS HIGGINS, BELL, DREYFOOS, GREENEBAUM, WAGNER; INSTRUCTORS HOOD, CONROY; ASSISTANTS I. W. CALDWELL, FOGEL, SIEBLER, PETERSEN

SECTION OF COMMUNICABLE DISEASES

PROFESSOR FALLER; ASSOCIATE PROFESSORS TUCKER, SOUTHWORTH

DIVISION I. DISEASES OF CHILDREN

Course 1a. Growth, development, and care of children; the theory of infant feeding; history taking and physical examination of children. Junior year, *second semester*, 16 hours, 1 credit hour.

Dr. Blackfan (in charge), Dr. Higgins (assisting)

Courses 2, 3, and 5a. Clinical and bedside studies of disease, including practical instruction in milk modification and the technique of diagnostic and therapeutic procedures. Senior year, *first and second semesters*. Lectures 26 hours, 2 credit hours, demonstrations 60 hours, 1 credit hour, dispensary 54 hours, 1 credit hour.

Dr. Blackfan (in charge), assisted by Dr. Higgins and staff

Course 6. *Elective*. For qualified students. Dr. Blackfan in charge

DIVISION II. INFANT WELFARE

Course 5b. A lecture course in infant welfare. Senior year, *first and second semesters*, 10 hours, half credit hour.

Dr. Rachford (in charge), assisted by Dr. Hood

DIVISION III. COMMUNICABLE DISEASES

Course 1b. A lecture course in which the communicable diseases are demonstrated. Junior class, *first semester*, 16 hours, 1 credit hour.

Dr. Bell (in charge), assisted by Drs. Conroy, Southworth

Course 4. A clinical and bedside course in which the students in small groups are given practical instruction in diagnosis and treatment of communicable diseases. Senior year, *entire year* by roster, 10 hours, half credit hour.

Dr. Faller (in charge) assisted by Drs. Tucker, Conroy

9. NEUROLOGY AND PSYCHIATRY

PROFESSOR HERMAN H. HOPPE, Head of Department

PROFESSORS HOPPE, WOLFSTEIN, BREESE, ASSOCIATE PROFESSOR INGRAM; ASSISTANT PROFESSOR BAEHR; INSTRUCTORS KIELY, SHINKLE, NORTH, WILLIAMS, RATLIFF, MCINTYRE; ASSISTANT GOLDSMITH

DIVISION I. PSYCHIATRY

- Course 1. LECTURES ON MENTAL DISEASES.—Senior year, *second semester*, 32 hours, 2 credit hours. Dr. Wolfstein in charge
- Course 7. Clinical Lectures on mental diseases held in Longview Hospital. Senior class, *second semester*, 20 hours. Dr. North in charge
- Course 2. Bedside clinics and conference studies of mental diseases in the wards of the Cincinnati General Hospital and the Longview Hospital for the Insane. Senior year by roster, 16 hours, 1 credit hour. Dr. Ingram in charge
- Course 6. Dispensary clinics illustrating the more common forms of delinquency and mental disease. Senior year by roster, 6 hours. Dr. North in charge

DIVISION II. NEUROLOGY

- Course 3. Lectures and demonstrations of functional and organic diseases of the brain, spinal cord, and peripheral nerves. Senior year, *first and second semesters*, 32 hours, 2 credit hours. Dr. Hoppe in charge
- Course 4. Bedside and conference studies of neurological cases in the hospital. Senior year, *first semester*. Dr. Kiely (in charge), assisted by Dr. Ratliff
- Course 5. DISPENSARY CLINICS IN NEUROLOGY.—Senior year by roster, 6 hours. Dr. Williams (in charge), assisted by Drs. Ratliff, McIntyre

DIVISION III. PHYSIOLOGY OF THE NERVOUS SYSTEM

- Course 8. (See Div. II, Course 4, Department of Physiology.) Dr. Kehoe (in charge), assisted by Dr. McIntyre

DIVISION IV. ELECTIVE COURSES GIVEN AT LONGVIEW HOSPITAL
FOR THE INSANE

- Course 9. Symptomatology of the Psychoses. The common types of psychosis. Open to students, internes, nurses, and the general

profession. The course begins the second Saturday in February and lasts eight weeks. The hours are from 2:30 to 4:30 P.M.
Senior year, 16 hours. Dr. North

Course 10. DIAGNOSIS, PROGNOSIS AND TREATMENT OF MENTAL DISEASES.—Bedside instruction, open to students, internes, nurses and the general profession. This is a repeated course which begins the first Saturday in November and the first Saturday in April of each year. Each course lasts six weeks. The hours are from 2:00 to 5:00 P.M. Senior year, 18 hours. Dr. North

10. DERMATOLOGY AND SYPHILOLOGY

The work required in dermatology and syphilology for graduation in medicine is given in the wards and dispensary of the hospital. Senior students have direct access to patients. Since the available number of cases is very great, opportunities for instruction are broad and possibilities for elective work large.

PROFESSOR ELMORE B. TAUBER, Head of Department

PROFESSOR TAUBER; INSTRUCTORS MILLER, BROEMAN, SHIELDS, DUCASSE; ASSISTANT CLAASSEN

DIVISION I. DIDACTIC

Course 1. The commoner diseases of the skin, including syphilis, are covered. Senior class, *first and second semesters*, 32 hours, 2 credit hours. Dr. Tauber in charge

DIVISION II. CLINICAL

Course 2. CLINICS IN DERMATOLOGY.—Senior class by roster, 30 hours, half credit hour. Dr. Tauber in charge, assisted by Drs. Miller, DuCasse, Shields, Claassen

Course 3. CLINICS IN VENEREAL DISEASES.—The student is supervised in diagnosis and treatment of patients presenting themselves at the night clinic. Elective for Juniors and Seniors.
Dr. Tauber (in charge), assisted by Dr. Claassen

Course 4. BEDSIDE CLINICS IN HOSPITAL.—Senior class by roster, 9 hours
Dr. Tauber in charge

11. SURGERY

The course in surgery begins with the attempt to give to the student as thorough a knowledge as possible of the fundamental principles of surgery including asepsis and antisepsis, surgical infections, the healing of wounds

and fractures, the control of hemorrhage and surgical shock. These are taught by lectures and demonstrations and by experiments upon animals in the surgical laboratory. This course is followed by one in surgical pathology in which the student is taught the pathology and diagnosis, both clinical and x-ray, of surgical diseases. Actual contact with surgical patients begins in the third year, at which time the student is taught history taking, the diagnosis of surgical conditions, and the treatment of minor surgical diseases in the out-patient department of the hospital. This work is supplemented by a course in operative surgery upon animals and by lectures and demonstrations. The fourth year is almost entirely taken up with practical work in the wards of the hospital and in the surgical operating rooms.

PROFESSOR GEORGE J. HEUER, Head of Department

PROFESSORS HEUER, C. CALDWELL, FEE, CARSON, HILLER; ASSOCIATE PROFESSORS HINES, PALMER, RHODES, LANGDALE, J. LOUIS, RANSOHOFF, HAINES, REID; INSTRUCTORS PIRRUNG, J. CALDWELL, SOUTHER, SCHRIVER, CAROTHERS; ASSISTANTS ABBOTT, SCHNEIDER, FEID, S. SMITH, SHANK

DIVISION I. SURGICAL ANATOMY

Course 1. Lectures illustrated by dissections of and demonstrations upon the cadaver. Junior class, *first and second semesters*, 32 hours, 2 credit hours. Dr. C. Caldwell

DIVISION II. PRINCIPLES OF SURGERY

Courses 2 and 3. Lectures, demonstrations, and experiments in the surgical laboratory covering hemorrhage, surgical shock, infections healing of wounds and fractures, aseptic and antiseptic principles. Junior year, *first and second semesters*, 32 hours, 2 credit hours. Dr. Hiller

Courses 4, 5, 6, and 7. QUIZ IN SURGERY.—A course of quizzes and demonstrations covering the more common surgical diseases. One hour per week, throughout the year. Junior year, *first and second semesters*, 32 hours, 2 credit hours.

Dr. Fee, assisted by Drs. Palmer, J. Caldwell

DIVISION III. COMBINED COURSES

Course 8. SURGICAL PATHOLOGY.—Demonstrations in gross and microscopic sections of the surgical material from the operating rooms. Junior class, *first and second semesters*, 32 hours, 2 credit hours. Dr. Reid

Course 9. X-RAY DIAGNOSIS OF SURGICAL CONDITIONS.—One conference per week throughout the year. Senior year, *first and second semesters*, 32 hours, 2 credit hours.

Dr. Little (Dept. of Radiology)

DIVISION IV. CLINICAL SURGERY

- Course 10. SURGICAL DISPENSARY.—Daily for one semester from 9:00-12:00. Junior year, 188 hours, 4 credit hours.
- Course 11. WARD VISITS.—The fourth year students are taken into the surgical wards where visits are made daily between 9:00 and 10:00 A.M. by members of the surgical staff. In the wards the students are assigned to patients and under proper supervision take their histories, make the physical examinations and do the routine clinical work. Daily for one semester from 8:00 to 12:00. Senior year, 288 hours, 6 credit hours. Dr. Heuer and staff
- Course 14. SURGICAL CLINIC (NON-OPERATIVE).—For third and fourth year students. One clinic per week throughout the year. Junior and senior classes, *first and second semesters*, 32 hours. Dr. Heuer

DIVISION V. ELECTIVE

- Course 12. OPERATIVE SURGERY.—A course conducted in the surgical experimental laboratory and consisting of a series of operations conducted under aseptic conditions. Elective for 12 students. Two periods (4 hours) per week for one semester. 64 hours. Dr. Heuer assisted by Dr. Reid
- Course 13. OPERATIVE CLINICS.—The operating rooms are open to the fourth year students during their surgical semester.

12. ORTHOPEDIC SURGERY

It is the purpose of this department to offer such instruction in this branch of surgery as every graduate in medicine may be presumed to have received. Students are not prepared to be specialists. The didactic instruction is given in the college building. It consists of lectures and conferences whose chief aim is to acquaint the student with the special surgical pathology, especially in respect to its practical bearings. There is available sufficient equipment for illustration, consisting of charts, lantern slides, pathological specimens, and mechanical apparatus. The lectures on the surgical pathology of the bones and joints, given in the Sophomore year, are held in the pathological institute of the Cincinnati General Hospital where use is made of the abundant material of the museum.

PROFESSOR ALBERT H. FREIBERG, Head of Department

PROFESSOR FREIBERG; ASSOCIATE PROFESSOR COFIELD; INSTRUCTORS KLEIN, BETZNER

DIVISION I. PRINCIPLES OF ORTHOPEDIC SURGERY

- Course 1. DIDACTIC LECTURES AND CONFERENCES ON THE PRINCIPLES AND PRACTICE OF ORTHOPEDIC SURGERY.—Senior year, *first semester*, 32 hours, 2 credit hours. Dr. Freiberg in charge

This course is supplemented by lectures on the pathology of the bones and joints, conducted in the Department of Pathology for classes in the Sophomore year. (See Department of Pathology, Division III, Course 4.)

DIVISION II. CLINICAL INSTRUCTION

Course 3. HOSPITAL CLINICS AND BEDSIDE CLASSES.—Opportunity is given to become acquainted with orthopedic mechanics in hospital brace shop. Senior class, *entire year* by roster, 14 hours.

Dr. Freiberg

Course 2. ORTHOPEDIC DISPENSARY.—Senior class, *entire year* by roster, 13 hours, one credit hour.

Dr. Cofield in charge, assisted by Drs. Klein, Betzner

DIVISION III. ELECTIVE COURSE

Course 4. ADVANCED ORTHOPEDIC SURGERY.—Open to advanced and post-graduate students after application to the head of the department.

Dr. Freiberg (in charge), assisted by Dr. Cofield

13. OBSTETRICS

PROFESSOR WILLIAM GILLESPIE, Head of Department

PROFESSOR GILLESPIE; ASSOCIATE PROFESSORS WOODWARD, TATE;
INSTRUCTOR RATTERMAN

DIVISION I. PRINCIPLES OF OBSTETRICS

Course 1. Anatomy and physiology of pregnancy, management of labor, and the pathology of pregnancy. Junior year, *first and second semesters*, 64 hours, 4 credit hours. Dr. Woodward in charge

Course 2. Mechanics of labor and operative obstetrics, with complications of pregnancy and the puerperium. Senior year, *first and second semesters*, 48 hours, 3 credit hours. Dr. Gillespie in charge

DIVISION II. CLINICAL OBSTETRICS

Course 3. A series of clinical lectures and demonstrations. Senior class, *entire year* according to roster, 32 hours.

Dr. Gillespie (in charge), assisted by Drs. Woodward, Tate

Course 4. OBSTETRICAL CLINICS.—Held in the wards of the hospital and in the homes of patients who make application to the out-patient department. The hospital work is attended by small groups of Seniors, and cases of exceptional interest may be readily utilized because of the proximity of the school to the hospital. The out-patient work is attended by Senior students, one student being present at each case.

The out-patient work is in charge of the physicians of the Maternity Society of Cincinnati, to whom all out-patients are referred, and these together with those applying to the Maternity Society, make about 300 cases per annum. The teaching is strictly personal and practical, each patient cared for at the time of labor and in convalescence by a visiting nurse of the Maternity Society or of the Catholic Visitation Society.

Course 5. SPECIAL OBSTETRICAL PRACTICE.—*Elective*. Open to specially qualified students and practitioners after consultation with head of the department.

Dr. Gillespie (in charge), assisted by Drs. Woodward, Tate, Ratterman

14. GYNAECOLOGY

The hospital and out-patient dispensary treat yearly a large number of gynaecologic patients, from which proper selection of types is made for the purpose of medical teaching. The classes are divided into small groups for clinical instruction on the wards and in the dispensary. Each student is also able to witness all of the commoner operative procedures.

PROFESSOR C. L. BONIFIELD	} Heads of the Department
PROFESSOR SIGMAR STARK	

PROFESSORS BONIFIELD, STARK, MILLER; ASSISTANT PROFESSOR ROWE;
INSTRUCTORS COPPOCK, J. STARK; ASSISTANT E. STRAEHLEY

DIVISION I. THE PRINCIPLES OF GYNAECOLOGY

Course 1. This course deals with the anatomy, pathology, congenital malformations, the diseases, and functional disorders found in the female pelvis. The treatment and operations for the relief of pelvic disorders are included in this course. Junior year, *first semester*, 16 hours, 1 credit hour. Dr. Stark in charge

Course 2. This course deals with benign and malignant growths, displacements of the uterus, diseases of the tubes and ovaries, ectopic pregnancy, pelvic peritonitis and cellulitis. Courses 1 and 2 cover the entire field of gynaecology. Junior year, *second semester*, 16 hours, 1 credit hour. Dr. Bonifield in charge

DIVISION II. CLINICAL INSTRUCTION

Course 3. DISPENSARY CLINICS.—The classes are divided into small sections which in turn attend the daily gynaecological clinic throughout the year. Personal instruction is in this way given to each student in examining and treating ambulatory clinics under the supervision of the clinician in charge. Senior year, *first and second semesters*.

First semester—Dr. Stark (in charge), assisted by Drs. Rowe, J. Stark

Second semester—Dr. Miller (in charge), assisted by Drs. Coppock, E. Strahley

Course 4. WARD INSTRUCTION.—In small groups the classes are given ward instruction by the attending gynaecologist on duty throughout the year. The cases studied in the wards are followed to the operating rooms. Senior class, *first and second semester*.

First semester—Dr. Stark in charge

Second semester—Dr. Miller in charge

15. UROLOGY

PROFESSOR E. OTIS SMITH, Head of Department

PROFESSORS SMITH, MCKIM; INSTRUCTORS STALEY, KOCH, SWARTZ

DIVISION I. DIDACTIC

Course 1. Lectures on the principles and practice of urology, special emphasis being given to diagnosis, treatment, and history taking. Gross specimens and lantern slides are freely used. Senior class, *first semester*, 32 hours, 2 credit hours. Dr. Smith in charge

DIVISION II. CLINICAL

Course 2. Bedside clinics held in the hospital and operating rooms. The classes are divided into small groups so that each student receives individual instruction. Senior class, *entire year* by roster, 8 hours.

Dr. Smith (in charge), assisted by Dr. McKim

Course 3. Dispensary clinics held in the out-patient department. The Senior class is divided into small groups which attend the dispensary for two hours on Monday, Wednesday, and Friday for one month during the year. Senior class, *entire year* by roster, 13 hours.

Dr. Staley (in charge), assisted by Drs. Koch, Swartz

DIVISION III. ELECTIVE

Course 4. A course in surgery, including urethroscopy and cystoscopy. Open to advanced students and graduates after consulting with the head of the department. Dr. Smith in charge

16. OPHTHALMOLOGY

The aim of instruction in ophthalmology is to impress the student with the close relationship of ophthalmology to internal medicine and afford the members of the Senior and Junior classes ample and varied opportunities

to study the essentials of the pathology of the more important ocular lesions, with laboratory demonstrations of normal and pathologic specimens together with clinical lectures and demonstrations in the ophthalmic wards and Dispensary of the Cincinnati General Hospital, supplemented with didactic lectures and recitations at the College of Medicine.

In addition practical instruction in the use of the ophthalmoscope and other instruments of precision for the diagnosis of ocular affections will be given at the daily clinics by the dispensary and hospital staff to those students who show a predilection for or have acquired a better working knowledge in ophthalmology.

PROFESSOR ROBERT SATTLER, Head of Department

PROFESSORS SATTLER, RAY, AYRES; ASSISTANT PROFESSOR CROSS;
INSTRUCTORS C. KING; ASSISTANT REID

DIVISION I. THE PRINCIPLES AND PRACTICE OF OPHTHALMOLOGY

Course 3a. THE ERRORS OF REFRACTION AND ACCOMMODATION.—Dr.
Ray, in charge

Course 3b. THE PATHOLOGICAL ANATOMY OF DISEASES OF THE EYE.—
Instructor C. King, in charge

Course 3c. PRACTICE OF OCULAR EXAMINATIONS, INCLUDING THE USE
OF THE OPHTHALMOSCOPE. Dr. Reid in charge

These courses included in this division are given in the Junior year,
first semester, 16 hours, 1 credit hour.

DIVISION II. CLINICAL INSTRUCTION

Course 1. DISPENSARY CLINICS.—The class is divided into small groups,
each of which spends 15 two-hour periods in the dispensary where
he receives practical instruction in examining and treating the
commoner affections of the eye, including the fitting of glasses
to correct errors of accommodation. Senior year, 30 hours.
Dr. Sattler in charge

Course 2. HOSPITAL WARD CLASSES.—The class is divided into small
groups, each of which is given an opportunity to study at the
bedside the severer forms of ocular disease and to follow them to
the operating room to witness the commoner operations on the
eye. Senior year. Dr. Sattler in charge

DIVISION III. ELECTIVE

Course 4. Advanced instruction is given to students by arrangement with
the head of the department. Dr. Sattler in charge

17 AND 18. LARYNGOLOGY AND OTOTOLOGY

The Departments of Laryngology and Otology are combined to form a
teaching unit under one general executive head. The courses aim to

familiarize the student with the common diseases of the ear, nose, and throat as they are related to one another and to point out the relation of these diseases to the problem of general medicine surgery and paediatrics. While the student is taught to use the instruments ordinarily employed in these branches of surgery no attempt is made to develop specialists. On the contrary these courses deal with a knowledge of common diseases and those principles which should be the common possession of all physicians. Instruction is given in the lecture rooms of the college, the dispensary, the wards, and the operating pavilion of the hospital.

PROFESSOR SAMUEL IGLAUER, Head of Combined Departments

LARYNGOLOGY

PROFESSOR IGLAUER; INSTRUCTORS E. KING, GOODYEAR, ALLGAIER, LIGHT, LYLE, NELSON, HOFFMAN

OTOLOGY

PROFESSOR MURPHY; INSTRUCTORS JONES, MCCARTHY FISCHBACH, J. ASHUR CALDWELL

DIVISION I. DIDACTIC

Course 1. (L). GENERAL PRINCIPLES OF LARYNGOLOGY AND REINOLOGY.—Lectures on diseases of the nose, larynx, pharynx, and esophagus illustrated by wet and dry specimens, models, and charts, and supplemented by demonstrations of operative technic. Practical intubation on the cadaver and lectures on bronchoscopy and esophagoscopy. Junior year, *first semester*, 16 hours, 1 credit hour.

Dr. Iglauer in charge

Course 1 (O) and 2 (O). GENERAL PRINCIPLES OF OTOTOLOGY.—Anatomy of the temporal bone and surrounding structures; physiology of hearing; etiology; pathology; diagnosis and treatment of the commoner diseases of the ear. Junior year, *second semester*, 16 hours, 1 credit hour.

Dr. Murphy in charge

DIVISION II. CLINICAL

Courses 2 (L) and 3 (O). Combined instruction in the diseases of the ear, nose and throat. The class is divided into groups, each student receiving practical experience in the diagnosis and treatment of patients. Each student spends five two-hour periods in the clinic per week for five weeks. Senior year, 50 hours, 1 credit hour. Dr. E. King (in charge), assisted by the staffs of the Departments of Laryngology and Otology

Courses 3 (L) and 3 (O). BEDSIDE INSTRUCTION IN EAR, NOSE AND THROAT DISEASES IN THE WARDS OF THE HOSPITAL.—The students follow

patients to the operating rooms and observe post operative care and treatment. The class is divided into small groups, each student attending for one two-hour period a week for ten weeks. Senior year, 20 hours, one-third credit hour.

Dr. Iglauer in charge for Laryngology, Dr. Murphy in charge for Otology, assisted by hospital staff

DIVISION III. ELECTIVE

Courses 4 (L) and 5 (O). COMPLICATING DISEASES OF EAR, NOSE, AND THROAT.—Classes are conducted in the contagious wards of the hospital and in the Tuberculosis Sanatorium.

Dr. Light in charge for Contagious Division, assisted by Dr. Fischbach. Dr. Goodyear in charge for Tuberculosis Division, assisted by Drs. Nelson, Lyle

Courses 5 (L) and 4 (O). ANATOMY AND OPERATIVE SURGERY ON THE CADAVER.—Advanced students and practitioners may study the topographical anatomy of the nose, throat, and ear, make dissections and perform many of the common operations on the cadaver. This course is supplemented by lectures and demonstrations. Dr. Goodyear in charge for Laryngology, Dr. Jones in charge for Otology

Course 6 (O). NEURO-OTOLOGY.—For advanced students.

Dr. McCarthy in charge

19. RADIOLOGY

Instruction in radiology is didactic in only small part. The diagnostic courses consist of lantern slide demonstrations and plate-reading clinics. Effort is made to demonstrate the fundamental phases of the work by laboratory and clinical methods. To this end the extensive and well equipped x-ray laboratory of the hospital is utilized, which contains an indexed collection of x-ray plates and lantern slides for teaching purposes. A large and well ventilated fluoroscopic room provides facilities for fluoroscopic demonstrations to the class in sections. Abundant clinical material is drawn from the wards of the hospital and from the dispensary.

PROFESSOR SIDNEY LANGE, Head of Department

PROFESSOR LANGE; ASSISTANT PROFESSORS DOUGHTY, LITTLE; INSTRUCTOR BADER

DIVISION I. RADIOLOGY

Course 1. Physics of the x-ray; principles of radiographic and therapeutic technique; x-ray diagnosis of head and thorax. Junior year, second semester, 12 hours, $\frac{3}{4}$ credit hour. Dr. Lange in charge

Course 2. X-ray diagnosis of bones, joints, and abdomen; practical fluoroscopic work in gastro-intestinal lesions and in the locali-

zation of foreign bodies. Junior year, *second semester*, 10 hours, $\frac{5}{8}$ credit hour. Dr. Doughty in charge

- Course 3. Biological effects of the x-ray; indications for technique, and results of x-ray therapy. Junior year, *second semester*, 10 hours, $\frac{5}{8}$ credit hour. Dr. Little in charge

DIVISION II. ELECTIVE

- Course 4. RADIO-THERAPY.—Opportunity is given advanced students and graduates in medicine to act as assistants in radiographic and therapeutic work. Applicants must consult the head of the department.

Dr. Lange (in charge), assisted by Drs. Doughty, Little

20. MEDICAL JURISPRUDENCE

PROFESSOR OTIS H. FISK, Head of Department

- Course 1. LECTURES ON MEDICAL JURISPRUDENCE.—The branches of law of importance to the medical practitioner; illustrations from court decisions. 12 hours, $\frac{3}{4}$ credit hour. Professor Fisk

21. MEDICAL ART

INSTRUCTOR JOSEPH B. HOMAN, Head of Department

- Course 1. Students fitted for such work may be allowed instruction in the application of art to medicine after consultation and arrangement with the head of the department. Mr. Homan

22. TUBERCULOSIS

DR. H. KENNON DUNHAM, Head of Department

This department is a subdivision of the Department of Medicine. (See Medicine, Division III, Subdivision 7, Page 271.)

23. DENTISTRY

DR. W. S. LOCKE, Head of Department

No courses are offered in this department.

24. DISPENSARY INSTRUCTION

PROFESSOR B. K. RACHFORD, Head of the Department

No separate courses are offered in this department. It is however closely related to the clinical instruction of the College.

Dr. Rachford in charge

25. HOSPITAL ADMINISTRATION

PROFESSOR A. C. BACHMEYER, Head of the Department

No courses were given in this department during the year 1921-1922.

SCHOOL OF NURSING AND HEALTH

ADMINISTRATIVE OFFICERS

FREDERICK CHARLES HICKS, PH.D.	President of the University
HENRY PAGE, A.M., M.D., DR. P.H.	Dean of the College of Medicine
LAURA R. LOGAN, A.B., B.S., R.N.,	Director of the School of Nursing and Health
ERNEST L. TALBERT, PH.D.	Director of Admissions
FRANK B. CROSS, M.D.	Secretary of the College of Medicine
DANIEL LAURENCE, B.S.	Secretary and Business Manager of the University
LELIA G. HARTMAN, B.L.	Registrar
FRANCES CROUCH, A.B.	Secretary to the Director

FACULTY AND INSTRUCTORS

FREDERICK CHARLES HICKS, PH.D.	President of the University
HENRY PAGE, A.M., M.D., DR. P.H.	Dean of the College of Medicine
LAURA R. LOGAN, A.B., B.S., R.N.	Professor and Director of the School of Nursing and Health
BLANCHE PFEFFERKORN, B.S., R.N.,	Assistant Professor of Nursing and Health
PHOEBE M. KANDEL, R.N.	Instructor in Nursing and Health
LOUISE KUCK, R.N.	Instructor in Public Health Nursing
VIRGINIA C. GANO, R.N.	Instructor in Nursing and Night Supervisor
VALERIE M. WEIL, A.B., R.N.	Instructor in Medical Nursing and Super- visor of Medical Wards
EDITH NORTHUP, R.N.	Instructor in Nursing Contagious Diseases and Supervisor of Contagious Wards
NELL P. ISAMINGER, R.N.	Instructor in Psychiatric and Neurologic Nursing and Supervisor of the Psychopathic Wards
GLADYS SELLEW, A.M., R.N.	Instructor in Nursing and Health
KATHERINE J. DENSFORD, A.M., R.N.	Instructor and Supervisor of Nurses, Cincinnati Tuberculosis Sanatorium
CARRIE BENHAM, A.B., R.N.	Instructor in Surgical Nursing and Supervisor of Surgical Wards
ESTHER M. OCHS, R.N.	Instructor in Surgical Technique for Nurses and Supervisor of Operating Pavilion

LILLIE A. M. BENNETT, R. N.	Instructor in Paediatric Nursing and Supervisor of Paediatric Pavilion
EMMA WINONA NEUMAN, R.N.	Instructor in Mechano-Therapy and Supervisor of Orthopedic Gymnasium
ERNEST L. TALBERT, PH.D.	Assistant Professor of Psychology
ANNA M. NIELSEN, R.N.	Instructor in Tuberculosis Nursing and Assistant Supervisor of Tuberculosis Sanatorium
MARGARET J. BUSCHE, R.N.	Assistant in Bacteriology
NEVA PAULINE MOTE, R.N.	Assistant in Pharmacology

LECTURERS FROM THE COLLEGE OF MEDICINE

ANATOMY

HENRY McELDERRY KNOWER, PH.D.	Francis Brunning Professor
EDWARD F. MALONE, A.B., M.D.	Professor of Histology
JEAN WEIDENSALL, PH.D.	Assistant in Anatomy

PHYSIOLOGY

MARTIN H. FISCHER, M.D.	Joseph Eichberg Professor
*EDMUND M. BAEHR, M.D.	Associate Professor
HOWARD D. McINTYRE, M.D.	Instructor

BIOCHEMISTRY

ALBERT PRESCOTT MATHEWS, S.B., PH.D.	Professor
C. A. MILLS, PH.D.	Instructor

PATHOLOGY

RICHARD SISSON AUSTIN, M.D.	Mary M. Emery Professor
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BACTERIOLOGY AND HYGIENE

WILLIAM BUCHANAN WHERRY, A.B., M.D.	Professor of Bacteriology and Hygiene
CAREY P. McCORD, M.D.	Associate Professor of Preventive Medicine

PHARMACOLOGY

DENNIS EMERSON JACKSON, PH.D., M.D.	Professor
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MEDICINE

ROGER S. MORRIS, A.B., M.D.	Acting Frederick Forchheimer Professor
KENNON H. DUNHAM, M.D.	Associate Professor of Medicine
R. J. ERICKSON, M.D.	Associate Professor of Medicine
HIRAM B. WEISS, A.B., M.D.	Assistant Professor of Internal Medicine

*Leave of absence

PAEDIATRICS

KENNETH D. BLACKFAN, M.D.	B. B. Rachford Professor
ALBERT J. BELL, A.B., M.D.	Assistant Professor
EDWARD A. WAGNER, M.D.	Assistant Professor

NEUROLOGY AND PSYCHIATRY

HERMAN HENRY HOPPE, A.M., M.D.	Professor of Neurology
DAVID I. WOLFSTEIN, M.D.	Professor of Psychiatry
ROBERT INGRAM, M.D.	Associate Professor of Psychiatry
CHARLES E. KIELY, A.B., M.D.	Instructor in Neurology
C. E. SHINKLE, A.B., M.D.	Instructor in Nervous Diseases

DERMATOLOGY

ELMORE B. TAUBER, B.S., M.D.	Professor
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OTOLOGY

WALTER E. MURPHY, M.D.	Professor
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LARYNGOLOGY AND RHINOLOGY

SAMUEL IGLAUER, B.S., M.D., F.A.C.S.	Professor
M. F. MCCARTHY, A.B., M.D.	Instructor

OPHTHALMOLOGY

VICTOR RAY, M.D.	Professor
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SURGERY

GEORGE HEUER, M.D.	Professor
DUDLEY WHITE PALMER, B.S., M.D., F.A.C.S.	Associate Professor
JOHN A. CALDWELL, B.S., M.D., F.A.C.S.	Instructor in Surgery

GYNAECOLOGY

JAMES W. ROWE	Assistant Professor
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UROLOGY

E. OTIS SMITH, M.D., F.A.C.S.	Professor
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ORTHOPEDIC SURGERY

ALBERT HENRY FREIBERG, M.D., LL.D., F.A.C.S.	Professor
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OBSTETRICS

WILLIAM GILLESPIE, M.D.	Professor
MAGNUS A. TATE, M.D., F.A.C.S.	Associate Professor of Clinical Obstetrics

SPECIAL LECTURERS

- A. C. BACHMEYER, M.D. . . . Superintendent, the Cincinnati General Hospital
- MARY FISHER, R.N. . . . Superintendent, the Visiting Nurse Association
- MARGUERITE FAGEN, R.N. . . . Supervisor of Nurses, District Board of
Health, Hamilton County
- JULIA WICKES WHEELER, R.N. . . . County Nurse, Cincinnati and Hamilton
County Chapter, American Red Cross
- ADA S. STOKES, R.N. Supervisor, College of Medicine Dispensary
- MARIE MOORMAN. . . . Director of Social Service Handicraft Department
- LUWINNA LITTLE, R.N. . . . Executive Secretary of Hospital Social Science
Department
- HELEN KIMMEL, B.S. Dietitian, Contagious Department, Cincinnati
General Hospital

OTHER TEACHING ASSISTANTS

CINCINNATI GENERAL HOSPITAL

REBECCA ANDERSON, R.N.	Head Nurse, Psychopathic Ward
CARRIE M. BEATTY, R.N.	Assistant Night Supervisor
HELEN BLAIR, R.N.	Head Nurse, Medical Ward
MABEL BOYLE, R.N.	Head Nurse, Surgical Ward
VOILET CAMPBELL, R.N.	Head Nurse, Contagious Ward
CECIL DOHERTY, R.N.	Head Nurse, Gynaecological Ward
ELIZABETH ESCHMEYER, R.N.	Head Nurse, War Risk Insurance Ward
MARION FABER, A.B., R.N.	Head Nurse, Milk Laboratory
BERTHA HASPEL, B.S., R.N.	Head Nurse, Contagious Ward
LULU HEROLD, R.N.	Head Nurse, Obstetrical Ward
EMMA A. HOFMANN, R.N.	Head Nurse, Orthopedic Ward
OPHELIA HOFMANN, R.N.	Head Nurse, Medical Ward
MARY HOFF, R.N.	Head Nurse, Contagious Ward
EDITH HUHEEY, R.N.	Head Nurse, Admitting Pavilion
BERTHA HYDE, A.B.	Head Dietitian
MARY JAMESON, R.N.	Head Nurse, Surgical Ward
GLADYS JELLISON, R.N.	Head Nurse, Operating Pavilion
MABEL KELTER, R.N.	Head Nurse, Contagious Ward
CHRISTINE LEAHY, R.N.	Assistant Supervisor, Operating Pavilion
DOROTHY METCALFE, R.N.	Head Nurse, Contagious Ward
GRACE NESBIT, R.N.	Head Nurse, Admitting Pavilion
KATHERINE NORTHUP, R.N.	Head Nurse, Contagious Ward
MARGARET PLOUGH.	Dietitian, Tuberculosis Sanitorium
JEANETTE ROSELIUS, R.N.	Head Nurse, Obstetrical Ward
MARY PANCAKE ROWLEN, R.N.	Head Nurse, Eye, Ear, Nose, and Throat Ward
MARGUERITE SLATER, R.N.	Head Nurse, Paediatric Ward
LUELLA SMITH, R.N.	Head Nurse, Paediatric Ward
MARY JANE TIERNEY, R.N.	Head Nurse, Medical, Surgical, and Gynaecological Ward
ELINOR V. TOMLINSON, R.N.	Supervisor, Admitting Pavilion
THERESE VON HEYGENDORF, R.N.	Night Supervisor, Contagious Pavilions
LELIA C. WEEDIN, B.S., R.N.	Head Nurse, Medical Ward
LULU WENNING, R.N.	Head Nurse, Medical Ward
IRENE WILSON, R.N.	Head Nurse, Paediatric Ward
NANNIE F. YORK, R.N.	Head Nurse, Surgical Ward

GENERAL STATEMENT

FOUNDATION AND PURPOSE

The present School of Nursing and Health, under the title of the Cincinnati Training School for Nurses, was established by a group of Cincinnati women on January 1, 1889. In 1896 this training school was taken over by the city and made an integral part of the hospital, the title being changed to the Cincinnati Hospital Training School for Nurses. In November, 1914, it was reorganized as the School of Nursing and Health of the Cincinnati General Hospital.

In June, 1916, the Board of Trustees of the University of Cincinnati, upon the recommendation of the Mayor of the city, the Director of the Department of Public Safety, the Dean and faculty of the College of Medicine, the President of the University, and the Director of the School of Nursing and Health, made the school a department in the College of Medicine. This step was taken in recognition of the pressing need for more adequate training for nurses, and of the obligation of the city departments concerned to make through cooperation the highest use of the facilities of the hospital and of the University in the interest of the health and education of the community which they serve.

By special arrangement of the two departments of the city government operating the University of Cincinnati and the Cincinnati General Hospital, the hospital provides a laboratory for the practice of nursing and cooperative assistance to the student nurse, while the University in its College of Medicine and other colleges provides the scientific instruction essential to the adequate preparation of women for service to the community in all the varied fields of nursing that offer opportunity for public and private work.

EQUIPMENT

The College of Medicine—of which the School of Nursing and Health has become a part—is located on twelve acres of land adjoining the Cincinnati General Hospital. Lectures, demonstrations, and laboratory work in chemistry, anatomy, physiology, bacteriology, pathology, pharmacology and therapeutics, medicine, surgery, and their various branches are given in the laboratories of the College of Medicine. Professors of the College of Medicine form the staffs of the Cincinnati General Hospital and the Tuberculosis Sanatorium, with the result that specialists direct the clinical instruction in medicine as applied to nursing. The Cincinnati General Hospital affords exceptional advantages for the education of nurses. The hospital is new and is one of the most modern, carefully designed, and completely equipped hospitals in the country. It was built at a cost of about \$5,000,000. It is built on the pavilion plan (Fig. 1, Fig. 4) and embraces twenty-four large buildings, all connected by overground and

underground corridors. The contagious group consists of a separate unit of seven pavilions similarly connected with each other. The hospital occupies a high and healthful location in a quiet and attractive part of the city. The equipment throughout is of a most modern and up-to-date character, a maximum of sunlight and air being provided by the style of building adopted. It has a capacity of 850 beds, and offers opportunities for thorough experience in medical, surgical, gynecological, obstetrical, paediatric, ophthalmological, otological, laryngological, neurological, psychopathic, and orthopedic nursing.

Instruction in nursing and its various branches and in public health nursing is given by instructors in the School of Nursing and Health, while instruction in foods and nutrition, social sciences, etc., is available in the Department of Home Economics of the College for Teachers and in the College of Liberal Arts of the University.

The psychopathic and neurological services offer excellent opportunity for preparation in the field of mental hygiene. The well-equipped College of Medicine Dispensary, on the hospital grounds, with its social service and public health nursing departments, serves as a laboratory for the student nurse and offers practical experience in social service and public health work. The College of Medicine and the School of Nursing and Health have cooperative agreements with the Visiting Nurse Association and the Cincinnati Board of Health and its school nursing and anti-tuberculosis nursing staffs, which bring the student into immediate contact with public health problems.

The spacious and beautifully appointed nurses' residence commands an extensive view of the surrounding country. It is equipped with class and demonstration rooms, reception rooms, and roof garden. The library is one of the best equipped nursing libraries in the country. It contains some two thousand carefully selected volumes and a wide range of current periodicals.

ADMISSION

Students are admitted to the School of Nursing and Health (a) as candidates for the degree of Bachelor of Science and the diploma of Graduate Nurse, (b) as candidates for the diploma of Graduate Nurse, or (c) as special students.

CANDIDATES FOR THE DEGREE AND DIPLOMA

In order to be admitted to the School of Nursing and Health as a candidate for the degree of Bachelor of Science and the diploma of Graduate Nurse, the student is expected to satisfy the regular college entrance requirements, to complete a pre-nursing or post-nursing course of two academic years in the College of Liberal Arts, consisting of sixty-four college credit hours, and to complete three calendar years—thirty-four months—in the School of Nursing and Health.

REQUIREMENTS FOR ADMISSION

A student must offer for admission fifteen units. These units may be secured by entrance examinations or by certificate from an accredited secondary school from which the student has graduated with a grade of not less than seventy percent in each unit presented.

For admission on certificate during the academic year 1922-1923, students must obtain a grade of eighty percent or above in at least three of the fifteen units, of which at least two grades must have been obtained in the last year of high school work. For admission on certificate during the academic year 1923-1924, students must obtain a grade of eighty percent or above in six of the fifteen units, of which at least four grades must have been obtained in the last two years of high school work. For admission on certificate during the academic year 1924-1925 and thereafter, students must obtain a grade of eighty percent or above in eight of the fifteen units, of which at least five grades must have been obtained in the last two years of high school work.

The grade of eighty percent or above must have been made in subjects other than those included under "vocational training and other subjects," Announcement of the College of Liberal Arts.

Students failing in the above requirements for the respective years must take successfully entrance examinations in sufficient subjects to meet the respective requirements of the grade of eighty percent. These subjects must be chosen from groups 1 and 2, Announcement of the College of Liberal Arts.

The fifteen units must be distributed in the following manner:

English—Three units

Mathematics—One unit in algebra and one unit in plane geometry

History—One unit

Language—Two units, from the five languages: Latin, Greek, French, German, Spanish. The two units must be in the same language.

The above requirement will obtain until the academic year 1923-1924. Beginning with the academic year 1923-1924, and thereafter, the following requirements will be in force:

Languages—Two units from the five languages: Latin, Greek, French, German, Spanish. If three units are offered, all three must be in the same language. If four units are offered, either all four must be in the same language, or two units in each of two languages.

A single unit in one language will not be accepted as fulfilling the requirement for any of the fifteen units required for admission.

Candidates who intend to pursue the study of Latin in the University must present four units in Latin.

In addition to these specific requirements the candidate must offer four units, selected from the following subjects: English, mathematics, foreign language, history, physics, chemistry, zoology, physiology, botany, physical geography, or astronomy, under the regulations as to the maximum and minimum of the work to be completed in each subject described in the current announcement of the College of Liberal Arts.

The remaining three units shall constitute a "free margin"; i. e., the University will accept for admission any three units which the secondary schools themselves credit towards graduation and which are given in conformity to the standards adopted by the North Central Association of Colleges and Secondary Schools. No fraction of a unit other than one half shall be recognized.

ADMISSION ON CERTIFICATE FROM ACCREDITED SCHOOLS

All certificates presented for admission must be signed by the principal of the school from which the student comes and must specify the work actually done, the time devoted to each subject, and the grade received in each course. Blank forms will be furnished upon application to the Director of Admissions, University of Cincinnati, Cincinnati, Ohio, or to the Director of the School of Nursing and Health, the Cincinnati General Hospital. These certificates, properly made out, should be sent to the Director of Admissions, University of Cincinnati, Cincinnati, Ohio, as soon as possible after graduation, and at least five days before the first day of registration. Upon receipt of the certificate, the Director of Admissions will pass upon the application, and, if it is satisfactory, will send a card of admission, which should be presented to the Registrar at the opening of the session. If the certificate is not satisfactory, the candidate will be informed, so that she may prepare herself for the entrance examination.

A candidate from an accredited school who is not a graduate of such school, will not be admitted upon certificate at all, but must enter by examination.

CANDIDATES FOR A DIPLOMA

In order to become a candidate for the diploma of Graduate Nurse, the student must (1) be over eighteen and under thirty-five years of age, (2) satisfy the school physician as to physical fitness, and (3) fulfill the requirements for admission to the College of Liberal Arts of the University of Cincinnati.

ADVANCED STANDING

Students who present educational qualifications in advance of high school graduation, will be given credit as follows:

1. *Theoretical Work*.—In subjects fully equivalent to those represented in the curriculum of the School of Nursing and Health.

2. *Time*.—For a four-year course in an approved college, credit in nursing and health subjects, one to eight months; for less than four years, reduction in time, according to the required subjects covered.

The amount of credit given for previous work in other schools of nursing will depend upon (a) the standard of the school, and (b) the nature of the medical and nursing services and the amount and character of instruction, but it may not exceed two years.

PROBATION

After their admission, undergraduate diploma students are on probation until the end of the first term, in order that the Director of the school may determine whether or not they are qualified to pursue the work with profit. The Director may at her own discretion terminate at any time the connection of a pupil with the school.

SPECIAL STUDENTS

Classes and cooperative nursing experience are open to graduate nurses and students from affiliated schools of nursing who wish instruction and experience along special lines. Elementary classes are also available for university and high school students, provided they are at least seventeen years of age and can give satisfactory evidence that they are able to carry on the work.

SPECIAL COURSE IN PUBLIC HEALTH NURSING

Classes and cooperative field work in public health nursing are open to graduate nurses. The completion of the course requires at least two terms.

All special students who, after entering, become candidates for a degree or diploma, will receive credit for all courses completed satisfactorily, but before becoming candidates for a degree or diploma they must fulfill the college entrance requirements and all the instructional and clinical requirements of the course. Special students are amenable to the same regulations in matters of class work, examinations, and discipline as regular students.

SCHOLARSHIPS

AMERICAN RED CROSS SCHOLARSHIPS.—Since 1918 the Cincinnati and Hamilton County Chapter of the American Red Cross has granted annually ten scholarships of \$300 each to the students in the seven Cincinnati schools of nursing. Six of these have each year been awarded to the School of Nursing and Health. In 1921-1922 the Cincinnati and Hamilton

County Chapter of the American Red Cross granted five scholarships of \$500 each to students in the special course in public health nursing and to students preparing for teaching in schools of nursing.

For the fellowships, scholarships, and prizes of the various colleges, consult their several Announcements.

REGISTRATION

Registration in 1921 for the combined liberal arts and nursing course began on Thursday, September 22, and closed on Saturday, September 24; in 1922 it took place on Saturday, February 11.

For the diploma course registration took place in 1921 from Monday, June 6, to Monday, June 20, and from Monday, October 3, to Friday, October 14; in 1922 on Saturday, February 4, and from Monday, June 6, to Monday, June 19.

No person is admitted to any University course after the beginning of class work, unless a good and sufficient excuse for not entering at the opening of the semester be presented to the professor in charge; and in no event is any person permitted to enter after the close of the second week of class work. In accordance with this regulation, no person was admitted to the work of the first semester of 1921-1922 in the College of Liberal Arts after October 8, 1921. This regulation does not apply to students entering the cooperative nursing courses.

NURSE REGISTRATION

OHIO NURSES' EXAMINING COMMITTEE STATE MEDICAL BOARD

Examination for license to practice nursing in the state of Ohio are given twice a year by the Nurses' Examining Committee of the State Medical Board. The dates will be announced in advance. Details in regard to the conditions may be learned by addressing the Secretary, Nurses' Examining Committee, State Medical Board, State House, Columbus, Ohio.

GRADUATION

DEGREE AND DIPLOMA

Degrees are not conferred *in absentia*, except by special permission from the President.

The degree of Bachelor of Science and the diploma of Graduate Nurse are conferred by the University upon the following conditions:

(1) The completion of the college entrance requirements and the completion of the pre-nursing course of two years in the College of Liberal Arts.

(2) The completion of the diploma course of study as outlined (see below), consisting of the seventy-two hours described in the plan which includes nursing practice.

DIPLOMA

A diploma of Graduate Nurse is given to those approved candidates who have fulfilled the college entrance requirements and have completed the seventy-two credit hours described in the plan which includes nursing practice.

CERTIFICATE

A certificate is awarded by the School of Nursing and Health to special students who are graduate nurses, upon the completion of a duly approved group of selected subjects that include nursing practice or field work in public health nursing.

REGULAR PROGRAM IN NURSING

In accordance with the reorganization of the professional course of study in the School of Nursing and Health, the year is divided into three terms, and the pupil nurse is freed from ward duty for two terms—one in the first year and one in the second—for full academic work. Throughout the entire course lectures fundamental to nursing and public health are given coordinately with the practice of nursing.

The work includes (1) courses of study in the School of Nursing and Health and in other departments of the University, consisting of fifty credit hours, and (2) courses of practice in the wards, operating rooms, dispensary, and diet kitchen of the hospital, consisting of not less than twenty-two credit hours.

A credit hour is one recitation hour a week carried through a term of fifteen weeks. For one month of nursing practice under supervision is given the corresponding value of one credit hour.

FIRST YEAR

During the probation term of the first year (four months) the student is instructed in the ethics of nursing, elementary nursing, elementary

anatomy, foods, and personal and hospital hygiene. The coordinate hospital work begins with bed making and simple bedside care, so that the student may acquire the elementary principles of nursing and hygiene. This introduction to the problem of nursing is intended to motivate the theoretical courses that follow.

During the second term (four months) of the first year, the student is not held responsible for practical work in the wards beyond a maximum of 17 hours a week, but is given the time for the pursuance of the following subjects fundamental to the work of nursing: chemistry, anatomy, physiology, pharmacy, and medical and surgical nursing.

At the end of the eighth month in the school, the student returns to the practice work in the hospital wards and, as her knowledge and ability warrant, acts as assistant in difficult treatments, proceeding gradually to the care of patients who are seriously ill.

SECOND YEAR

During the first term the practice work in the wards of the hospital is continued. During the second term the student is again relieved of practical responsibility for the care of patients beyond a maximum of seventeen hours a week, and is given four months for the study of the following subjects: bacteriology and hygiene, psychology, social science, pharmacology, therapeutics, and nutrition as applied to nursing. During the remainder of the second year opportunity is given the student for definite practical experience in nursing and in preparing special diets for patients. Lectures and demonstrations in massage, orthopedic nursing, and children's nursing are also given in this term.

THIRD YEAR

Further nursing practice with coordinating lectures is given in the nursing of obstetrics communicable diseases, nervous and mental diseases, skin and venereal diseases, eye, ear, nose, and throat diseases, and application of preventive medicine in nursing is made.

During the last year, eight weeks of experience in the College of Medicine Dispensary is required for each student. Nursing 13 is coordinate with this practice. An additional eight weeks in public health nursing, or in the management of a ward, or in private patient nursing, or in selected practice is elective. Classes coordinating with this practice work are Nursing 14 and 15, 16, 17 and 18, Bacteriology and Hygiene 3 and 5, and Nursing and Health Education 1, 2, and 3. From these courses electives are to be made. Throughout the entire course of training, the student nurse is encouraged to make the social application to all the problems of nursing.

All undergraduate practical work receives close supervision. Examinations are held at the close of each term.

FIVE-YEAR COMBINED LIBERAL ARTS AND NURSING PROGRAM

Leading to the degree of B.S.

The College of Liberal Arts and the School of Nursing and Health have established a course which will enable students to obtain the degree of Bachelor of Science upon the completion of five years' work.

The *entrance requirements* to this course are those to the College of Liberal Arts.

The *college requirements* for this degree consist of 60 credits in the College of Liberal Arts and 72 credits in the School of Nursing and Health, as follows:

COLLEGE OF LIBERAL ARTS

First Year

Required:

Chemistry 1, 2, 3, 4.....	10 hours
English 1.....	6 hours
Zoology 1, 2.....	10 hours
Hygiene.....	4 hours
Physical Education.....	2 periods a week
TOTAL (excluding Physical Education).....	30 hours

A reading knowledge of either French or German is required, whether the language be studied in high school or college. A student without high school French or German, must elect German 1 or French 1 in her first year, and German 20 or French 20 in her second year. If she has had two years of high school German, she must elect German 20 (scientific German) in her first year, and she may take either French 1 or an elective in her second year. If she has had two years of high school French, but no German, she must take French 20 in her first year, and German 1 or an elective in her second year. A student already having a reading knowledge of French or German (four years of either) is not required to take a foreign language in her pre-nursing course, although she is strongly urged to do so. In case such a student takes no foreign languages, she must substitute, with the approval of her Adviser, an elective subject.

Second Year

Electives from the following groups of subjects: psychology, economics, social science, political science, history, chemistry, philosophy, English, physics, mathematics, zoology, and botany . . . 34 hours

Required:

Physical Education 2 periods a week

TOTAL 36 hours

No student may count towards these 60 credits more than 6 credits marked "D," or "poor," in any one semester. This restriction, however, shall not operate to prevent her counting courses so marked towards the completion of her "prescribed" work. Any student who receives "D," or "poor," in more than 6 hours of work in any one semester must take an equal additional number of hours in an elective approved by the Dean of Liberal Arts, and pass in such elective with a grade of "C" or over, in order to be eligible for the degree of B.S.

*SPECIAL EIGHT MONTHS' PROGRAM IN PUBLIC HEALTH NURSING

(For graduate nurses who are candidates for a certificate)

†Bacteriology and Hygiene 2, 3, 5	5 credit hours
†Psychology	3 credit hours
Elementary Sociology 1	4 credit hours
†Nutrition 4	3 credit hours
Nursing 11	1 credit hour
Public Health Nursing 13, 14 and 15, 16	6 credit hours
Cooperative Nursing Practice 12T and 12U	4 credit hours
Nursing and Health Education 1 and 4	2 credit hours
†Invalid Occupation 17	1 credit hour
†Journal Club 18	1 credit hour

*A total of twenty-four credit hours is required.

†Elective

COURSES OF INSTRUCTION

NURSING

- 1b. ELEMENTARY HOME NURSING AND FIRST AID.—*Second semester*, 60 hours. Two credit hours. Miss Kandel
Prerequisite: Elementary course in anatomy and physiology
2. ELEMENTARY PRINCIPLES OF NURSING.—*First semester and summer term*, 45 hours. M., Th., 10:30-12:00. Two credit hours. Coordinate with Nursing Practice 12D (one credit hour) daily for sixteen weeks. Miss Sellew
3. MEDICAL NURSING.—*First and second semesters*, 45 hours. M., W., 2:00-3:30. Two credit hours. Coordinate with Nursing Practice 12E (two credit hours.) Miss Kandel, Miss Weil
4. SURGICAL NURSING.—*First and second semesters*, 30 hours. W., 1:00-2:00; S., 2:00-3:00. Two credit hours. Coordinate with Nursing Practice 12F (two credit hours.)
Miss Benham and Dr. Caldwell
5. NURSING IN ORTHOPEDIC, UROLOGICAL, AND GENERAL SURGERY, AND GYNAECOLOGY.—*First and second semesters*, 30 hours. Two credit hours. Coordinate with Nursing Practice 12F, 12G, and 12M. Drs. Freiberg, Smith, Rowe, Heuer, and Palmer
6. MECHANO-THERAPY.—*First and second semesters*, 25 hours. One credit hour. Coordinate with Nursing Practice 12G (one credit hour). Miss Neuman
7. PAEDIATRIC AND CONTAGIOUS NURSING.—*First and second semesters*, 30 hours. M., W., 4:00-5:00. Two credit hours. Coordinate with Nursing Practice 12H and 12L (four credit hours).
Drs. Blackfan, Bell, Wagner, Miss Bennett, Miss Northup
8. SPECIAL DISEASES.—*First and second semesters*, 15 hours. Th., 4:00-5:00. One credit hour. Coordinate with Nursing Practice 12P and 12W (one credit hour).
Drs. Iglauer, Murphy, Sattler, Tauber, Miss Isaminger
9. OBSTETRICS.—*First and second semesters*, 15 hours. Tu., 4:00-5:00. One credit hour. Coordinate with Nursing Practice 120 (two credit hours). Drs. Gillespie, Tate, Miss Isaminger
10. INTERNAL MEDICINE.—*First and second semesters*. One hour a week. Coordinate with Nursing 12E. Drs. Erickson, Weiss
11. TUBERCULOSIS NURSING.—*Second semester*, 15 hours. One credit hour. Dr. Dunham, Miss Densford

12. COOPERATIVE NURSING PRACTICE.—		Months	Credit Hours
D.	Introduction to General Nursing Care	4	1
E.	Medical Wards	3	3
F.	Surgical Wards	2	2
G.	Orthopedic Ward and Gymnasium	1	1
H.	Paediatric Wards	2	2
J.	Admitting Pavilion and Social Service	½	½
K.	Operating Pavilion	1½	1½
L.	Contagious Wards	2	2
M.	Gynaecological Wards	1	1
N.	Psychiatric and Neurological Wards	2	2
O.	Obstetrical Wards	2	2
P.	Ear, Eye, Nose, and Throat Wards	1	1
*R.	Private Patient Experience	2	2
†S.	Administration of Wards	2	2
**T.	University Medical College Dispensary	2	2
‡U.	Field Work in Public Health Nursing	2	2
V.	Hospital Diet and Milk Laboratory	1	1
‡†W.	Skin and Social Hygiene	1	1
††EE	to PP. Selected Practice	2	2
13. INTRODUCTION TO PUBLIC HEALTH NURSING.— <i>First and second semesters, 15 hours. One credit hour.</i> Miss Wheeler			
14-15. PRINCIPLES AND PROCEDURES IN PUBLIC HEALTH NURSING.— <i>First and second semesters and summer term, 60 hours. Four credit hours. Coordinate with Nursing Practice 12T and 12U (four credits).</i> Miss Logan, Miss Kuck, Miss Fisher, Mrs. Stokes			
16. PUBLIC HEALTH NURSING.— <i>Second semester and summer term, 15 hours. One credit hour.</i> Miss Logan, Miss Fisher, Miss Kuck, and others			
17. INVALID OCCUPATION.— <i>First and second semesters, 35 hours. One credit hour.</i> Miss Moorman			
18. JOURNAL CLUB.— <i>Second semester, weekly. One credit.</i> Miss Logan and assistants			
Open to Seniors and special students who are graduate nurses.			

*For those electing private duty

†For those electing institutional work

‡For those electing public health nursing

‡†For those electing further training in Nursing 12E to 12P

**Prerequisite: Nursing 12H and 12L

19. HISTORY AND ETHICS OF NURSING.—*First semester and summer term*, 15 hours. One credit hour. Miss Logan
20. PSYCHIATRIC AND NEUROLOGICAL NURSING.—*First and second semesters*, 15 hours. W., 4:00-5:00. One credit hour. Coordinate with Nursing Practice 12N (two credit hours).
Drs. Ingram, Kiely, Shinkle, Miss Isaminger
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PSYCHOLOGY

1. ELEMENTARY PSYCHOLOGY.—*First and second semesters*. Forty-five hours. Three credit hours. Dr. Talbert
-

NURSING AND HEALTH EDUCATION

1. TEACHING OF HEALTH PRINCIPLES.—*Second semester*, 15 hours. One credit hour. Miss Pfefferkorn
2. NURSING METHODS.—*Second semester*, 30 hours. Two credit hours. Miss Logan
3. HOSPITAL ORGANIZATION AND ADMINISTRATION.—*Second semester*, 30 hours. Two credit hours. Coordinate with 12S (two credit hours). Miss Logan, Dr. Bachmeyer
4. METHODS OF SOCIAL CASE WORK.—*Second semester*, 15 hours. One credit hour. Miss Little
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SOCIAL SCIENCE

1. SOCIOLOGY.—*First and second semesters*, 60 hours. Four credit hours. Miss Sellow
-

CHEMISTRY

3. CHEMISTRY.—*First and second semesters*, 135 hours. M., W., 8:30-12:30; F., 8:30-9:30. Five credit hours.
Dr. Mathews, Dr. Mills, Miss Kandel
-

ANATOMY AND PHYSIOLOGY

- 2-3. ANATOMY AND PHYSIOLOGY.—*First and second semesters*, 135 hours. Tu., Th., 1:30-5:30; F., 2:00-3:00. Five credit hours.
Drs. Knower, Fischer, McIntyre, Miss Weidensall, Miss Pfefferkorn

FOODS AND NUTRITION

6. ELEMENTS OF COOKERY.—*First semester and summer term, 60 hours.*
Two credit hours. Miss Kimmel
 4. DIETETICS AND NUTRITION.—*First and second semesters, 75 hours.*
Three credits. Coordinate with Nursing Practice 12V (one credit hour). Miss Kimmel
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MATERIA MEDICA

1. INTRODUCTION TO THE STUDY OF DRUGS.—*First and second semesters, 54 hours.* Two credit hours. Miss Mote
 2. PHARMACOLOGY AND THERAPEUTICS.—*First and second semesters, 30 hours.* Two credit hours. Miss Kandel
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BACTERIOLOGY AND HYGIENE

1. PERSONAL AND HOSPITAL HYGIENE.—*First semester and summer term, 30 hours.* S., 11:00-12:00. Two credit hours.
Miss Pfefferkorn
 2. BACTERIOLOGY.—*First and second semesters, 60 hours.* Two credit hours.
Miss Pfefferkorn, Miss Busche
 3. BACTERIOLOGY AND HYGIENE.—*First and second semesters, 15 hours.*
One credit hour. Dr. Wherry, Miss Pfefferkorn
 5. COMMUNITY AND INDUSTRIAL HYGIENE.—*Second semester, 15 hours.*
Tu., 1:00-2:00. One credit hour. Dr. McCord
-

PATHOLOGY

1. ELEMENTARY PATHOLOGY.—*First semester, Tu., 3:00-4:00; second semester, Th., 3:00-4:00.* Fifteen hours. One credit hour.
Dr. Austin

COLLEGE OF LAW

ADMINISTRATIVE OFFICERS

FREDERICK CHARLES HICKS, PH.D.	President of the University
Office, 10 McMicken Hall	
ALFRED B. BENEDICT, A.B., LL.D.	Dean
Office, 50 Wiggins Block	
ROBERT C. PUGH, LL.D.	Assistant Dean
Office, Clifton Ave., W. of Vine St.	
DANIEL LAURENCE, B.S.,	Secretary and Business Manager of the University
Office, 4 McMicken Hall	
ERNEST LYNN TALBERT, PH. D.	Director of Admissions
Office, 2 McMicken Hall	
NETTIE S. BIRK.	Secretary and Registrar
Office, Clifton Ave., W. of Vine St.	

FACULTY

FREDERICK CHARLES HICKS, PH.D.	President of the University
2421 Ingleside Place	
ALFRED B. BENEDICT, A.B., LL.B., LL.D.	Professor of Law and Dean of the
50 Wiggins Block	College of Law
MOSES F. WILSON, LL.B.	Professor of Law Emeritus
Ortiz Bldg.	
ROBERT C. PUGH, LL.B., LL.D.	G. H. Wald Professor of Law of Contracts
125 Kinsey Ave.	and Assistant Dean
JUDSON HARMON, LL.B., LL.D., D.C.L.	Rufus King Professor of Constitu-
2957 Annwood Ave.	tional Law
CHARLES E. WEBER, LL.B.	Professor of Law
1211 First National Bank Bldg.	
BENTON S. OPPENHEIMER, LL.B.	Professor of Law
3626 Alaska Ave.	
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551 Purcell Ave.	
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410 Grandview Ave., Bellevue, Ky.	
EARL C. ARNOLD, A.B., LL.B.	Professor of Law
Clifton Ave., North of Vine St.	
J. LOUIS KOHL, A.B., LL.B.	Professor of Law
2431 Ingleside Place	
WALTER M. SHOHL, A.B., LL.B.	Professor of Law
714 S. Crescent Ave.	
HOWARD L. BEVIS, A.B., LL.B., S.J.D.	Professor of Law
3924 Floral Ave., Norwood, O.	

REQUIREMENTS FOR ADMISSION

REGULAR STUDENTS

Candidates for the degree of Bachelor of Laws must be graduates of an approved four-year high school and have taken at least two years' work (60 credits or the equivalent) in a college of liberal arts and sciences at some approved university. Before registering they must forward their credentials showing the above credits.

IRREGULAR STUDENTS

Irregular students are those who are qualified to enter as regular students, but who attend only part of the lectures and recitations. Such students are accepted only under special circumstances and upon such terms and conditions as may be prescribed by the Dean, and no certificates are given them unless specially ordered by the Dean.

ADVANCED STANDING

A student may be given credit for work done in an approved law school upon presentation of a certificate showing that he has taken such work and successfully passed examination therein in said school.

SCHOLARSHIPS AND PRIZES

The faculty have established a scholarship to be awarded to a student, selected by the faculty, who has completed the course of study prescribed for the second-year class.

Mr. Richard H. Wald will give each year, so long as he lives, \$100 towards a scholarship to be awarded to the student making the best record in the subject of Contracts.

A prize of \$75 is awarded to the student having the highest average of credits during the three years' course.

A prize of \$50 is awarded to the student having the next highest average of credits during the three years' course.

By his will, the late Hon. John R. Sayler left to the college a fund, out of the proceeds of which a prize of \$50 for the best essay on the subject of Bills and Notes, and another prize of \$50 for the best essay on the subject of Evidence are to be awarded each year. If in any contest the judges find no manuscript of sufficient merit, there shall be no award of that prize for that year.

The late Commander George Wood Logan, U. S. N., gave a fund of about \$4,000 to establish a scholarship to be known as "The Thomas A. Logan Scholarship," in memory of his father, Thomas A. Logan, a grad-

uate of the class of 1851, and for many years a member of the Cincinnati bar. The income arising from this gift is to be applied to the tuition, including the use of the necessary books, of students selected under regulations prescribed by the faculty.

EXAMINATIONS

The annual examinations of each class begin in May. No student is regarded as having finally completed the work of the year unless he has obtained a general average in all courses of 70 percent, and a grade of at least 60 percent in each of them.

In order to pass from a lower to a higher grade or to be graduated, a student not only must have passed the examinations satisfactorily, but must have regularly attended classes and have satisfied the faculty by his work in the classroom that he should so pass or be graduated.

CONDITIONS

A student who has fallen below 60 percent in not more than four courses and still has a general average of more than 70 percent may, with the permission of the Dean and faculty, take another examination in those subjects in which he has failed.

No one can be admitted as a regular student to the third-year class who has any conditions standing against him.

The right to take examinations, as well as the privilege of continuing one's membership in the school at any time, is conditioned upon regular attendance at the exercises of the school, and conduct satisfactory to the faculty.

REQUIRED WITHDRAWALS

The right is reserved to require the withdrawal, at any time, of any student for frequent unexcused absences from class, or for continued neglect of required duties; or when, in the opinion of the Dean and faculty, the interest of the student or the school requires the student's withdrawal.

OUTSIDE STUDY

A student who is a candidate for the degree of LL.B. is not permitted to take work in any other school or college except under special conditions, and then only with the permission of the Dean.

CONVOCAATION

A general meeting of all the students is held in the study hall from time to time.

Announcements of general interest to the school are made, and matters affecting the school in general are brought to the attention of the students at this meeting.

REGULAR PROGRAM OF THE COURSE IN LAW

The degree of Bachelor of Laws is given to students who have completed the prescribed course of three years, have passed satisfactorily the final examinations, and may be otherwise qualified. Degrees are granted only to regular students.

Regular students must take all subjects prescribed and are admitted to the following year's class only upon passing the required examinations.

No certificate will be given to any student who has not completed the full three-year course, unless the student is entering another law school, in which case the certificate is sent directly to the school which he expects to enter.

COMBINED LIBERAL ARTS AND LEGAL PROGRAM

A student who has received credit for the work of the first three years in the College of Liberal Arts may elect, in his Senior year, the entire first-year law course, in which event he is given the degree of A.B. upon passing the prescribed examinations at the College of Law.

COURSES OF INSTRUCTION

(Subject and case book used. The case method is used exclusively.)

	HOURS A WEEK
FIRST YEAR	
Contracts (<i>Williston, Ed. 2</i>).....	Pugh 2
Criminal Law (<i>Beale, Ed. 2</i>).....	Wheaton 2
Personal Property (<i>Bigelow</i>).....	Arnold 1
Damages (<i>Beale</i>).....	Arnold 1
Real Property (<i>Bigelow</i>).....	Weber 1
Torts (<i>Pound's Ed. of Ames and Smith</i>).....	Kohl 2
Common Law Pleading (<i>Scott</i>).....	Bevis 1
Legal Ethics (<i>Costigan</i>).....	Bevis 1
Persons (<i>Vernier's Cases on Marriage and Divorce; Selected Cases</i>)	Arnold 1
Briefmaking (<i>Cooley</i>).....	Wheaton 1
SECOND YEAR	
Agency (<i>Wambaugh</i>).....	Shohl 2
Property (<i>Aigler</i>).....	Weber 1
Wills (<i>Costigan</i>).....	Weber 1
Sales (<i>Williston</i>).....	Oppenheimer 2
Suretyship (<i>Stearn</i>).....	Arnold 1
Equity (<i>Ames, 2 vols.</i>).....	Pugh 2
Evidence (<i>Hinton</i>).....	Dempsey 2
{ Bankruptcy (<i>Williston, Ed. 2</i>).....	Wheaton
{ Federal Procedure (<i>Wheaton</i>).....	Wheaton 1
Quasi-Contracts (<i>Woodruff, 1917 Ed.</i>).....	Bevis 1
THIRD YEAR	
Constitutional Law (<i>Hall</i>).....	Harmon 2
Corporations (<i>Richards</i>).....	Benedict 2
{ Partnership, 1st term (<i>Burdick</i>).....	Wheaton
{ Conflict of Laws, 2d term (<i>Lorrenzen</i>)... ..	Wheaton 2
Trusts (<i>Scott</i>).....	Pugh 1
Mortgages (<i>Wyman</i>).....	Bevis 1
Municipal Corporations (<i>Beale</i>).....	Weber 1
Common Carriers (<i>Beale</i>); Public Service Companies (<i>Wyman</i>);	
Interstate Commerce (<i>Selected Cases</i>).....	Arnold 2
Bills and Notes (<i>Smith and Moore</i>).....	Weber 2
Code Pleading (<i>Whittaker's Ohio Code and Selected Cases</i>)... ..	Bevis 1

NOTE.—This schedule is subject to changes by additions and withdrawals and otherwise as the college determines.

REGISTRATION BY CORRESPONDENCE

Correspondence in advance of registration is required. Applicants for admission as regular students of the College of Law must forward in advance their credentials showing graduation from an approved four-year high school and at least two years' work in a college of liberal arts and sciences at some approved university.

For catalogue and further information, address

THE SECRETARY AND REGISTRAR

COLLEGE OF LAW

CLIFTON AVE., WEST OF VINE ST.,

TELEPHONE, CANAL 6741

CINCINNATI, OHIO

FELLOWSHIPS, SCHOLARSHIPS AND PRIZES

Awarded in June, 1921 and 1922

GRADUATE SCHOOL

Ten *Baldwin Fellowships*, each amounting to \$500 in addition to exemption from tuition and laboratory fees, have been provided by the Francis Howard Baldwin bequest. They were filled for the session 1921-1922 by the following students:

ELMER G. CONOVER, Physics

*ADALINE HALLOCK ELLIOTT, English

BESS MARIE EVERSULL, Mathematics

EARL GROVER GUDIKUNST, Political Science

CHARLOTTE LANDIS MADDOCK, Chemistry

STEPHEN JAMES MADDOCK, Anatomy

SYMMES FRANCIS OLIVER, Physiology

WALTER SOLLER, Mechanical Engineering

HENRY BELLIS VAN FLEET, Civil Engineering

ROBERT COULTER WALKER, Biochemistry

Ten were filled for the session 1922-1923 as follows:

WILLIAM H. BELL, Bacteriology

JAMES LUTHER BRAKEFIELD, Biochemistry

IRENE CHRISMAN, Geology

GEORGE CLAIR COWDREY, Botany

BESS MARIE EVERSULL, Mathematics

VERA LE COUNT, Zoology

ALICE McCONAUGHY, Bacteriology

SYMMES FRANCIS OLIVER, Physiology

EUGENE OSTER, Chemical Engineering

EMMA DEWITT VORIES, English

The *D. A. R. Fellowship in American History*, of the value of \$100 a year, was awarded for the session 1921-1922 to LOUISE DALE SCHERL; for 1922-1923 to RUTH LIZETTE KRAPP.

The *Hanna Fellowship in Physics*, established in 1906 by Mrs. Henry Hanna and Miss Mary Hanna, of the value of \$500 a year in addition to exemption from tuition and laboratory fees, was awarded for the session 1921-1922 to JOHN PHILIP KARBLER.

The *Merrell Fellowship in Biochemistry*, for the investigation of the nature of the natural cure of disease has been established by Mr. Charles G. Merrell, of the William S. Merrell Company. This fellowship carries with

*Deceased

it a stipend of \$1,500 a year and exempts the holder from the payment of tuition and laboratory fees. For the year 1922-1923 it has been awarded to MOSES LEGIS ISAACS.

The *Armstrong-Hunter Memorial Scholarship*, established in memory of Miss Sarah J. Armstrong and Miss Clara Hunter, was awarded for the session 1921-1922 to INEZ TRACY; for 1922-1923 to HAZEL KOPPENHOEFER.

The *University Scholarships*, which exempt their holders from the payment of tuition fees, were awarded for the session 1921-1922 as follows:

LOUIS BINSTOCK, Philosophy
WALTER ANDREW COOK, Chemistry
HUMES H. W. HART, Romance Languages

They were awarded for the session 1922-1923 as follows:

KARL P. KLENK, Chemistry
GORDON LANG, Psychology
MABEL WATKINS LANG, English
ESTELLE RANDELL, Chemistry

COLLEGE OF LIBERAL ARTS

The twelve *Thoms Honorary Scholarships*, awarded annually to the six Sophomores and the six Freshmen who have the best scholastic records, were given to the following:

Sophomores 1920-1921

GAYLORD MERRIMAN	ASHER ISAACS
MARGARET SISSON	ELSE SCHULZE
FRANK BENUS	ESTELLE BENTON

Freshmen 1920-1921

CHARLES POSNER	KATHERINE PORTER
DONALD BEDDOE	DOROTHEA WHARTON
JESSIE CAMERON	DOROTHY KOCH

Sophomores 1921-1922

JESSIE CAMERON	LAWRENCE KAHN
MARY C. DOURSON	SIDNEY REGNER
HOWARD DRESBACH	KATHRYN TURNER

Freshmen 1921-1922

CORNELIA ATKINS	EDGAR HYMAN
ALFRED BUSCHLE	MARVIN MENARD
MAURICE EISENDRATH	MARY WARE

The five *McMicken Honorary Scholarships*, awarded annually to the five Juniors who have the best scholastic standing, were given as follows:

1920-1921

RUTH CLIPPINGER
LOUISE KREIMER
FRANK HIER

EDNA EVERSULL
GLADYS MARTIN

1921-1922

ELSE SCHULZE
LENORE MCGRANE
GAYLORD MERRIMAN

ASHER ISAACS
FRANK BENUS

The *Comegys Scholarship* of \$50, established in 1899 by the Old Endowment Association composed of the alumni of the University, and awarded to a meritorious undergraduate, was given to LOUIS JOHNEN in 1920-1921; PALMER H. CRAIG in 1921-1922.

The *Taft Scholarship* of \$100, donated by Mr. Charles P. Taft, and awarded to a worthy student selected by the President of the University, was given to JULIA KELLEY in 1921 and 1922.

The *College of Law* has established a scholarship open to Seniors in the College of Liberal Arts who intend to enter the College of Law after graduation. The recipient of this scholarship was FRANK BURNHAM FINNEY in 1921-1922; FRANK HIER in 1922-1923.

In 1917, *Robert Lee Straus*, a graduate in the class of that year in the College of Liberal Arts, established an annual prize of \$20, to be given to the undergraduate writing the best original composition in verse during the college session. For the sessions 1920-1921 and 1921-1922 the prize was given to EDWARD KENNEDY.

First Honors in Freshman English for the year 1920-1921 were awarded to DOROTHY KOCH; and *Second Honors* to JESSIE CAMERON. No award was made in 1921-1922.

The following students, who took part in inter-collegiate debate within the year, were awarded *Debating Certificates*:

1920-1921

J. EBERSOLE CRAWFORD
EDWARD MEYER
HERALD GARDNER
DONALD RAYMOND
JOHN DALZELL
CHARLES HARRELL

HOWARD METZGER
GEORGE METZGER
ERNEST NEWBOLD
HERBERT BLACK
ROBERT BILTZ

1921-1922

JOHN W. DALZELL	HERBERT BLACK
C. A. HARRELL	L. CLOY
MILTON H. SCHMIDT	MAX GEBAUER
EDWARD L. MEYER	CHARLES F. VIRTUE
HOWARD METZGER	ROBERT MCINTOSH
JAMES L. MAGRISH	EDGAR HYMAN

In order to provide a nucleus for a strong alumna association, the student body of the University, acting through the Student Council, selects annually from the Senior class those who have been most active in college affairs during their four years at the University. The members of this *Cincinnati Society* chosen by the Student Council from the class of 1921 are as follows:

C. WILLARD BREIEL	CHASE DAVIES
HENRIETTA BRADY	J. EBERSOLE CRAWFORD
EDWARD STRIETELMEIER	EDITH MURDOCK
HERMINA HOPPE	HERBERT LEYLAND
ELEANOR AXLINE	BURNHAM FINNEY
SUSAN WILSON	DOROTHY POYSELL
ALFARATA MEYERS	DANIEL FRIES
CHARLES CONSTABLE	BERTHA ROGATSKY

The members chosen from the class of 1922 are as follows:

RUTH CLIPPINGER	PAUL MEREDITH
HOWARD CURTIS	HOWARD METZGER
JOHN DALZELL	EDWARD MEYER
ANNETTE FILLMORE	PHILIP MEYERS
DOROTHY HUFF	EDNA PFLEGER
ROBERTA JOHNSTONE	ROBERT SARVIS
HAZEL KOPPENHOFER	WYLMER SCOTT
ARTHUR MCCLURE	RANDALL WALKER
RUTH MCGREGOR	

The *Henry Hochstetter Prize*, of the value of \$40, awarded annually to the student writing the best graduating thesis in chemistry, was given in 1920-1921 to EDWIN RAYMOND THEIS for his thesis entitled *The Determination of Free Sulphuric Acid in Leather*. The essay of LESTER CHARLES CROME, entitled *Sulphur in Malleable Cast Iron*, received honorable mention.

In 1921-1922 the prize was given to WILLIAM WOELFLIN for his thesis entitled *Determination of Tower Absorption Constants*. Highly honorable mention was given to LOUIS JOHN JOHNEN, and creditable mention to ROY G. ROSHONG.

The *Edward Miles Brown Prize* of \$50, established in 1908 by the late Professor Brown and given to that member of the Senior class who has attained the highest excellence in English during the four years' undergraduate course, was awarded in 1921 to ELEANOR AXLINE; in 1922 to RUTH CLIPPINGER.

Two prizes for oratory, established by *Major Frank J. Jones*, are annually awarded to the two members of the Senior class who write and pronounce the best English orations. No award of these prizes was made in 1921-1922.

The following students, on account of scholarship and distinguished attainments, were elected to the Delta Chapter of the *Phi Beta Kappa Society* in the State of Ohio:

1920-1921

ELEANOR AXLINE	MOSES ISAACS
NELSON BROOKS	HERBERT LEYLAND
HELEN BROWN	KATHRYN LINDNER
BESS EVERSULL	DOROTHY STEPHANS
BURNHAM FINNEY	INEZ TRACY
ABRAHAM FREED	ALICE TRUITT
ALINE HESTERBERG	RUTH WEIR
CHRISTINE HOSHAW	JEAN WINSTON

1921-1922

DOROTHY ALLEN	FRANK HIER
LOUISE WARREN BRILL	LOUIS JOHNEN
IRENE CHRISMAN	HAZEL KOPPENHOEFER
RUTH CLIPPINGER	LOUISE KREIMER
GEORGE COWDREY	GLADYS MARTIN
EDNA EVERSULL	HOWARD METZGER
ANNETTE FILLMORE	DAVID NATHAN
WILLA GHOLSON	MILTON SCHMIDT
HELEN GUHMAN	MARJORIE STEWART
MARGARET HAMILTON	ELIZABETH TUCKER

In 1911 the Reverend William McKibbin and his wife established, in memory of their son, *Robert Patterson McKibbin*, a gold medal of honor to be given to that member of the Senior class of the McMicken College of Liberal Arts who has best kept before him throughout his course ideals of manliness such as college life should encourage. Upon vote of the faculty, this medal was awarded to CHASE DAVIES in 1920-1921; to HOWARD METZGER in 1921-1922.

A scholarship for the first semester of 1920-1921, given by the *Young Men's Christian Associations of Virginia*, was awarded to C. ADAIR HARRELL.

In memory of *Victor Abraham*, the Independent Order of B'nai Brith has offered to the College of Liberal Arts a prize of \$50 to be awarded annually to that student who writes the best essay on the subject "Good Citizenship." This gift was not awarded in 1921-1922, but the prize will be awarded during 1922-1923.

The *Margaret Stockwell Talbert Prize*, of \$50, for excellence in psychology, established by the Cincinnati Alumnae Club of the Alpha Chi Omega Sorority, was awarded for the first time in 1920-1921. It was given to FRANK HIER. In 1921-1922 it was divided equally between FRANK HIER and WALTER BROMBERG.

The *Anatomical Research Room* of the University of Cincinnati at Woods Hole, Massachusetts, was awarded for this season to STEPHEN J. MADDOCK, JR.

The *Julius Fleischmann Scholarships*, offered to the members of the graduating classes in the accredited schools of the University outside of Cincinnati, were awarded for 1921-1922 as follows:

First Semester

GERALDINE CHAPMAN, Woodward High School
RAYMOND CHENEY, McKinley High School
RUTH EVERS, Hughes High School
JOHN FRAZER, Ohio Mechanics Institute
CLEO HOSBROOK, East Side High School
WILLIAM RIDDLE, Lawrenceburg (Indiana) High School
GERALD SYKES, Covington (Kentucky) High School
VIRGIL TOBIN, Newport (Kentucky) High School

Second Semester

GERALDINE CHAPMAN, Woodward High School
RUTH EVERS, Hughes High School
JOHN FRAZER, Ohio Mechanics Institute
CLEO HOSBROOK, East Side High School
GERALD SYKES, Covington (Kentucky) High School
VIRGIL TOBIN, Newport (Kentucky) High School

In the spring of 1922 in honor of the Moliere Tercentenary, Professor Phillip Ogden, head of the Department of Romance Languages, offered a prize of \$20 for the best essay on Moliere. This prize was awarded to MARGARET SISSON. A second prize, offered by Professor Merton J. Hubert, of the Department of Romance Languages, was awarded to FLORENCE TEBBENHOFF. Honorable mention was given to RUTH CLIPPINGER.

COLLEGE FOR TEACHERS

The following students were elected in to the *Kappa Delta Pi Society*:

1920-1921

ELEANOR AXLINE
 IRENE CHRISMAN
 ALINE JULIA HESTERBERG
 STELLA HUMMEL
 HAZEL L. JAFFE
 HAZEL L. KOPPENHOEFER
 KATHRYN L. LINDNER
 MARY HELEN PADDACK

JEAN HASTIE ROBINSON
 GRACE MARIAN RYAN
 CORINNE SCHEIFFELE
 INEZ TRACY
 ALICE E. TRUITT
 ELIZABETH TUCKER
 RUTH WEIR

1921-1922

ESTELLE BENTON
 ESTELLA JOSEPHINE BORRESON
 RUTH HELEN CLIPPINGER
 GEORGE CLAIR COWDREY
 EDNA ETHEL EVERSULL
 MARTHA FUSSHIPPEL
 WILLA MAY GHOLSON
 GLADYS MARTIN
 IRENE RIECKELMAN

EDNA MARGARET RITZI
 RUTH VAN PELT RUNYAN
 HARRIETTE ELIZABETH SANDERS
 ESTHER ANNE SCHEURMAN
 HELEN ANNA SCHULZE
 MARGARET SISSON
 IMOGENE CONSTANCE WAGER
 WINIFRED ZETTEL

COLLEGE OF ENGINEERING AND COMMERCE

The following students, on account of high scholastic standing and personal worth, were elected to the *Tau Beta Pi Society*:

1920-1921

H. C. CURTISS
 H. E. DEARDORFF
 F. M. GLEESON
 C. R. HEENA
 E. R. HOUSE
 H. K. KEEVER
 J. E. MYERS
 E. A. KRAEMER
 R. N. PIPER
 H. R. PLUEDDEMAN

W. W. ROLLER
 R. G. ROSHONG
 N. M. SALKOVER
 G. E. SHOEMAKER
 H. L. STACKHOUSE
 C. V. THEIS
 M. TOWNSEND
 B. S. WAGNER
 H. B. WILLIAMS
 WILLIAM WOELFLIN, JR.

1921-1922

C. E. BROWN
 J. E. ESHBAUGH
 R. L. FULNER
 K. R. HALLER
 C. W. KUHN

C. R. LOHREY
 J. A. NOERTKER
 K. W. PORTER
 WILLIAM SHUSTER
 WILLIAM VOELKEL

COLLEGE OF MEDICINE

The successful competitors for places as resident physicians in hospitals were as follows:

1921

FLIPSE, MATHEW JAY.....Cincinnati General Hospital, Cincinnati, O.
 HENDRICKSON, FLOYD CHESTER, Cincinnati General Hospital, Cincinnati, O.
 SMITH, VINCENT VANHORN....Cincinnati General Hospital, Cincinnati, O.
 VONDERAHE, ALPHONSE RALPH, Cincinnati General Hospital, Cincinnati, O.
 STRIKER, CECIL.....Cincinnati General Hospital, Cincinnati, O.
 DOWNING, HAROLD FRANCIS...Cincinnati General Hospital, Cincinnati, O.
 GANIM, JOSEPH NICHOLAS....Cincinnati General Hospital, Cincinnati, O.
 RAAP, GERARD.....Cincinnati General Hospital, Cincinnati, O.
 WYLIE, CHARLES ANDREW....Cincinnati General Hospital, Cincinnati, O.
 SOMMER, LOUIS.....Cincinnati General Hospital, Cincinnati, O.
 NEWCOMB, PAUL BARKLEY....Cincinnati General Hospital, Cincinnati, O.
 LAVENDER, HERMAN LEON....Cincinnati General Hospital, Cincinnati, O.
 PICKEREL, FRED BEVERLY....Cincinnati General Hospital, Cincinnati, O.
 SUDHOFF, PAUL GERHARDT....Cincinnati General Hospital, Cincinnati, O.
 SHOOK, HUBERT HERMAN.....Cincinnati General Hospital, Cincinnati, O.
 PIECK, CARL EDWARD.....Cincinnati General Hospital, Cincinnati, O.
 BENZING, JR., GEORGE.....Good Samaritan Hospital, Cincinnati, O.
 SHAFER, CLARENCE JOSEPH....Good Samaritan Hospital, Cincinnati, O.
 FELTER, LLOYD KING.....Good Samaritan Hospital, Cincinnati, O.
 WILLKE, GERARD THOMAS.....Good Samaritan Hospital, Cincinnati, O.
 BEUMLER, ARTHUR KARL.....Christ Hospital, Cincinnati, O.
 ROBINS, JOSEPH EDWIN.....Christ Hospital, Cincinnati, O.
 MINICH, PAUL RUST.....Christ Hospital, Cincinnati, O.
 BRAMMER, FRED EMERSON.....Christ Hospital, Cincinnati, O.
 CONWELL, HALFORD FREDERICK.....Bethesda Hospital, Cincinnati, O.
 MUSEKAMP, GEORGE HENRY.....Deaconess Hospital, Cincinnati, O.
 BOOCKS, HOWARD MOORE.....Fairmont Hospital, Fairmont, W. Va.
 COOK, GEORGE HARVEY...Los Angeles County Hospital, Los Angeles, Cal.
 CORPRON, DOUGLAS SQUIRE...Western Pennsylvania Hospital, Pittsburgh

NESBIT, ORVAL ISAAC	Western Pennsylvania Hospital, Pittsburgh
PIRRUNG, MATTHEW CLARENCE	Western Pennsylvania Hospital, Pittsburgh
ZELAVKINK, RICHARD	Western Pennsylvania Hospital, Pittsburgh
FRAAS, CLARENCE LE ROY	Miami Valley Hospital, Dayton, O.
WAGNER, HAROLD HARR	Miami Valley Hospital, Dayton, O.
HUSTON, JAMES MALLERNEE	U. S. Marine Hospital, San Francisco, Cal.
JONES, HERBERT CLAIBORNE	Mt. Sinai Hospital, Cleveland, O.
KOEHLER, WILLIAM AUGUSTUS	Society of the New York Hospital, N. Y.
KUHN, HUGH ALVA	Gary Hospital, Gary, Ind.
KYMMEL, AUGUST	U. S. P. H. Hospital No. 43, Ellis Island, N. Y.
LINDNER, JOSEPH	Southern Pacific Hospital, San Francisco, Cal.
UNSINGER, HAROLD FARQUHAR	Southern Pacific Hospital, San Francisco
MALONE, HERBERT PATRICK	Syracuse Memorial Hospital, Syracuse, N. Y.
MILLER, BLANCHE BONSAK	Chester Hospital, Chester, Pa.
MILLER, HAROLD CLAYTON	Chester Hospital, Chester, Pa.
PILLIOD, JOHN VICTOR	St. Vincent's Hospital Toledo O.
SCHUITEMAN, EDWARD	St. Vincent's Hospital, Toledo, O.
TALBOTT, SAMUEL FORD	Thomas D. Dee Memorial Hospital, Ogden, Utah
WOODBURN, LEMUEL ANSEL	City Hospital, Springfield, O.
HANNAH, HEWITT BLAIN	U. S. P. H. Hospital, Minneapolis, Minn.
DAVIS, DAVID CARSON	Chester Hospital, Chester, Pa.
MALONEY, JOHN JAMES	Good Samaritan Hospital, Cincinnati, O.
PRICE, JAY	Mt. Sinai Hospital, Cleveland, O.
MALONE, HERBERT P.	Detroit Receiving Hospital, Detroit, Mich.
DRACHENBERG, HARRY	Jewish Hospital, Cincinnati, O.
INSKEEP, MAHLON JOHN	Jewish Hospital, Cincinnati, O.
DAVIS, PARVIN MILTON	City Hospital, Louisville, Ky.
HATHAWAY, GEORGE JARVIS	Speers Memorial Hospital, Dayton, Ky.

1922

RUSSELL BROOKS BAILEY	Long Island College Hospital, Brooklyn, N. Y.
FRANK T. BECK	St. Vincent's Hospital, Toledo, O.
FRANCIS P. BENNETT	North Wheeling Hospital, Wheeling, W. Va.
ALBERT L. BROWN	Cincinnati General Hospital
WILBUR S. DAVIS	Grassland Hospital, East View, N. Y.
JOHN A. FRASER	Allegheny General Hospital, Pittsburg, Pa.
LOUIS W. GAKER, JR.	Southern Pacific Hospital, San Francisco, Cal.
DARIO GUTIERREZ	Boston City Hospital, Boston, Mass.
GEORGE M. GUEST	Cincinnati General Hospital
OLIN B. HALL	Miami Valley Hospital, Dayton, O.
GEORGE L. HARDIN	Long Island College Hospital, Brooklyn, N. Y.
ARLETT B. HARTMAN	Columbia Hospital, Pittsburg, Pa.
ELLIOTT M. HENDRICKS	City Hospital, Cleveland, O.

LOUIS J. HENDRICKS.....	Lucas County Hospital, Toledo, O.
GWENDOLYN A. JONES.....	Cincinnati General Hospital
HERMAN KECK.....	Harlam Eye, Ear and Throat Hospital, New York
GEORGE F. KOETTER.....	Santa Barbara Cottage Hospital, Santa Barbara, Cal.
ALBERT G. KREIMER.....	Good Samaritan Hospital
CHARLES H. LEECH.....	Speers Memorial Hospital, Dayton, Ky.
SYDNEY LEVIN.....	Mt. Sinai Hospital, Cleveland, O.
GUERNSEY R. LUNGER.....	Southern Pacific Hospital, San Francisco, Cal.
JAMES R. McCLUNG.....	City Hospital of Akron, O.
GEORGE W. McCLURE.....	Good Samaritan Hospital
CHARLES F. MCKHANN.....	Cincinnati General Hospital
HOWARD B. MILLER.....	Grassland Hospital, East View, N. Y.
MAURICE I. MILLER.....	Christ Hospital
C. A. MILLS.....	Cincinnati General Hospital
MYER S. MUSKAT.....	Cincinnati General Hospital
WILLIAM C. PAUL.....	Northern Pacific Benefician Ass'n Hospital, Missoula, Mont.
ODRA S. PAVY.....	St. Francis Hospital, Colorado Springs, Colo.
LORENZO P. PORRAS.....	Chester Hospital, Chester, Pa.
CHARLES K. RIDDLE.....	Good Samaritan Hospital
ALMER D. RITENOUR.....	Christ Hospital
HIRAM SLUTZ.....	Cincinnati General Hospital
EMIL R. SWEPSTON.....	Christ Hospital
WAYNE K. TEMPLETON.....	St. Vincent's Hospital, Toledo, O.
JOHN O. THEISS.....	Akron City Hospital, Akron, O.
WALTER C. VESTER.....	Good Samaritan Hospital
JUSTICE F. WYNN.....	Detroit Receiving Hospital, Detroit, Mich.
MENDEL ZELIGS.....	Cincinnati General Hospital

The *Kilgour Memorial Prize* of \$25, founded in memory of the late Peter T. Kilgour, is awarded each year to that graduating medical student who best combines high general scholarship with fine personal character—one whom our departed friend would have delighted to honor. In 1921 this award by faculty action was made to MATHEW J. FLIPSE; in 1922 to GEORGE M. GUEST.

The *Jesse S. Wyler Scholarship*, established by Mrs. Isaac A. Wyler in memory of her son, was awarded for the session 1920-1921 to THEODORE FOSTER; in 1921-1922 to STEPHEN McMANUS.

The *George Mendenhall Scholarship* in Obstetrics, established in 1921 by Mrs. Emma Mendenhall Anderson in memory of her father, George Mendenhall, was awarded in 1922 to MARY LOUISE THOMAS.

A chapter of *Alpha Omega Alpha*, the honorary medical fraternity corresponding to Phi Beta Kappa, is established in the College of Medicine.

Those elected for the session of 1920-1921 are as follows:

MATHEW J. FLIPSE	GERARD RAAP
BLANCHE BONSAK MILLER	VINCENT V. SMITH
HAROLD CLAYTON MILLER	JOHN VICTOR PILLIOD
FLOYD CHESTER HENDRICKSON	GERARD T. WILLKE

Those elected for the session of 1921-1922 are as follows:

CHARLES F. MCKHANN	EMIL R. SWEPSTON
REGINE KRONACHER STIX	C. A. MILLS
ELLIOTT M. HENDRICKS	

Dr. William Gillespie gave in 1921 a set of obstetrical instruments to JOHN JAMES MALONEY.

SCHOOL OF NURSING AND HEALTH

The *Louise H. Pollak Scholarship* of \$100 was given for the session 1920-1921 and 1921-1922 to LOUISE APGER, of the class of 1922.

In 1918 the *Cincinnati Chapter of the American Red Cross* offered ten scholarships of \$300 to students in the seven schools of nursing in Cincinnati. In 1921 they were awarded to ADDIE ALEXANDER, EMMA MILLER, HAZEL CECILE DOHERTY, CLARA DIEHL, HELENA FERNSTROM, EMILY BENDER, MARY LOUISE APGER, NORA CARPENTER, and LAURA McDONALD. In 1922 these scholarships were awarded to the following first-year students in the School of Nursing and Health: REA SNYDER, ISABEL BLAIR, HELEN LONG, TRUE WETHERILL, GUSSIE HANDLER, LOUISE THEOBALD, and CLEO CHILDERS. The second-year students in the school receiving these scholarships are: PAULINE ERNEST, MARY BARRETT, LAURA McDONALD, and NORA CARPENTER; Senior Students: HELEN FERNSTROM, EMILY BENDER, and CLARA DIEHL.

In addition the Red Cross Chapter of Cincinnati and Hamilton County awards annually five scholarships of \$500 to graduate nurses preparing for special work in public health nursing and teaching and administration in schools of nursing. The two scholarships to nurses preparing for public health have been granted this year to Betty Startzman and Donna Stockwell, and two scholarships for those preparing for administration and teaching in schools of nursing have been granted to Neva Mote and Margaret Busche.

COLLEGE OF LAW

(Cincinnati Law School)

A prize of \$100 is given to the student having the highest average of credits during the three years' course.

This prize was awarded to LAWRENCE R. LYTLE in 1921; to RICHARD CAMERON THRALL in 1922.

A prize of \$50 is given to the student having the next highest average of credits during the three years' course.

This prize was awarded to EDGAR M. POWERS in 1921; to DAVID V. ATTIG in 1922.

The faculty have established a scholarship to be awarded to a student, selected by the faculty, who has completed the course of study prescribed for the second-year class.

This scholarship was awarded to RICHARD C. THRALL in 1921; to ELIZABETH LOUISE COLLINS in 1922.

Mr. Richard H. Wald gives each year a scholarship to the student making the best record in the subject of Contracts.

This scholarship was awarded to AUGUSTUS BEALL, JR., in 1921; to MILTON SCHMIDT, in 1922.

By his will, the late Hon. John R. Saylor left to the school a fund, out of the proceeds of which a prize of \$50 for the best essay on the subject of Bills and Notes is given each year. This prize was awarded in 1922 to RICHARD CAMERON THRALL.

HOLDERS OF FELLOWSHIPS SINCE 1900

FELLOWSHIPS BY COURTESY:

Eliab Washburn Coy.....	1906-07
Frederick Alwin King.....	1906-07
Gordon Woods Thayer.....	1908-09
Nathan Tovio Isaacs.....	1910-11
Elliott Smith.....	1910-11
T. Warrington Gosling.....	1912-13, 1913-14
Sebastian J. Mauchly.....	1913-14
Elizabeth Baldwin Demarest.....	1914-15

D. A. R. FELLOWSHIP IN AMERICAN HISTORY:

George Washington Johnson.....	1900-01
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Mabel Sara Carpenter	1901-02
Alice McGuffey Morrill	1902-03, 1903-04
Isaac J. Cox	1904-05
Frank P. Goodwin	1905-06
Helen L. Stein	1906-07
Marie Paula Dickore	1907-08
Henrietta Marie Mackzum	1909-10
Lesley Henshaw	1910-11
Elizabeth Thorndyke	1911-12
Reginald C. McGrane	1912-13
Margaret Beach Plimpton	1913-14
Miriam B. Urban	1914-15
Mary E. Morgan	1915-16
Helen Swineford	1916-17
Eleanor Stanwood Wilby	1917-18
Minnie Isabel Landen	1918-19
Herbert T. Leyland	1919-20
Frank Burnham Finney	1920-21
Louise Dale Scherl	1921-22

ALLIANCE FRANÇAISE SCHOLARSHIP IN FRENCH:

Alice Wilson	1905-06
Louis Selbert	1908-09
Carrie May Perin	1909-10

COLONIAL DAMES FELLOWSHIP IN OHIO VALLEY HISTORY:

Theodore T. Belote	1906-07
Earl Francis Colborn	1907-08
Edgar Chew Sweeney	1908-09
Paul Philip Rover	1909-10
H. Dora Stecker	1910-11, 1911-12

HANNA FELLOWSHIP IN PHYSICS:

Robert Clyde Gowdy	1906-07, 1907-08, 1908-09
Edward G. Rieman	1909-10, 1910-11
Sebastian J. Mauchly	1911-12, 1912-13
Edward Joseph Lorenz	1913-14, 1914-15
Lowell M. Alexander	1915-16, 1916-17
Harold F. Richards	1917-18, 1919-20
Guy Read Bradshaw	1918-19
John P. Karbler	1920-21, 1921-22

TEACHING FELLOWSHIP IN CHEMISTRY:

Harry Shipley Fry	1901-02
Geoffrey Arthur Gray	1902-03
Ralph Ballard Dimmick	1906-07

TEACHING FELLOWSHIP IN ECONOMICS:

Eugene Ewald Agger	1901-02
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TEACHING FELLOWSHIP IN BIOLOGY:

William O. Pauli	1902-03
Mabel Spellmire	1903-04
Joseph Hughes Shaw	1904-05
Stanley Rossiter Benedict	1905-06
Leon D. Peaslee	1907-08, 1908-09
Louis W. Sauer	1907-08, 1908-09
Vernon Lantis	1909-10, 1910-11

TEACHING FELLOWSHIP IN PHILOSOPHY:

Abraham Cronbach	1902-03
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TEACHING FELLOWSHIP IN ENGLISH:

Arthur James Kinsella	1903-04
Elizabeth Merrill	1904-05

TEACHING FELLOWSHIP IN MODERN LANGUAGES:

Elsie Metz	1903-04
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TEACHING FELLOWSHIP IN PHYSICS:

Harry L. Wieman and Earl Farnau	1903-04
Herbert M. Hughes	1904-05

FELLOWSHIP IN PHYSICS:

William Bell Cartmel	1905-06
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BALDWIN FELLOWSHIPS:

William H. Bell	1919-20, 1920-21
Jacob Feld	1919-20, 1920-21
John F. Heavner	1919-20

George W. Hoeck.....	1919-20
Anne Susan McLaughlin (Mrs. Roy).....	1919-20
Walter Soller.....	1919-20, 1920-21, 1921-22
Elsa Mae Tyndall.....	1919-20
Alma M. Wuest.....	1919-20
Hilda Buttenwieser.....	1920-21
Stanton Chapman Crawford.....	1920-21
Robert Lee Straus.....	1920-21
Robert Coulter Walker.....	1920-21, 1921-22
Elmer G. Conover.....	1921-22
*Adaline Hallock Elliott.....	1921-22
Bess Marie Eversull.....	1921-22
Earl Grover Gudikunst.....	1921-22
Charlotte Landis Maddock.....	1921-22
Stephen James Maddock.....	1921-22
Symmes Francis Oliver.....	1921-22
Henry Bellis Van Fleet.....	1921-22

GRADUATE FELLOWSHIP IN ECONOMICS:

George E. Martin.....	1919-20
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E. I. DU PONT DE NEMOURS FELLOWSHIP IN⁷ CHEMISTRY:

Joseph Lawrence Donnelly.....	1919-20
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MERRELL FELLOWSHIP IN BIOCHEMISTRY:

Moses Legis Isaacs.....	1921-22
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*Deceased

DEGREES CONFERRED IN JUNE, 1921

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 MING-CHENG CHOU
 HELEN LAURA CORD
 STANTON CHAPMAN CRAWFORD
 HARVEY EDWARD DRACH
 ADALINE HALLOCK ELLIOTT
 JACOB FELD
 MOSES LEGIS ISAACS
 SOTARO KAI
 JOHN PHILIP KARBLER
 ANNIE F. KELLOGG
 ETHEL KINNEY

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 MILDRED KERN
 SARAH LEVINE
 RUTH ELLA LINDSEY
 MINNIE MEYDER
 HAZEL CAMERON ORR

MAUDE BELLE RAGAN
GLADYS AMY SADLER
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SUMMARY OF GRADUATES, JUNE, 1921

Honorary Degree:		
Doctor of Laws.....	1	
Graduate School:		
Ph. D. Degree.....	2	
A. M. Degree.....	25	
	—	27
McMicken College of Liberal Arts:		
A. B. Degree.....	90	
B. S. Degree.....	19	
	—	109
College for Teachers:		
B. S. Degree.....	27	
Diplomas.....	24	
	—	51
College of Engineering and Commerce.....		73
College of Medicine.....		60
School of Nursing and Health.....		42
College of Law.....		15
		—
Total.....		378
Twice Counted.....		9
		—
Net Total.....		369

DEGREES CONFERRED IN JUNE, 1922
HONORARY DEGREES

DOCTOR OF LAWS

WILLIAM COOPER PROCTER

ANNIE SINTON TAFT

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JACOB FELD

ELMER GEORGE FEUSSE

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HIGH HONORS

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LOUIS JOHN JOHNEN..... *Chemistry*

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 GLENN HAROLD ALLEN
 GEORGE RANDOLPH DOUTHIT
 MODIE WILSON EASLEY
 JOSEPH RICKETTS EDMONSTON
 ROBERT LE ROY GEIS
 JOHN WILLIAM GUILDAY
 LEONARD COCHRAN HOLLISTER
 FRANK WILSON KIEFNER
 ERWIN ALBERT KRAEMER

JAMES EARL MYERS
 GEORGE TOTTEN NEUFFER
 JOHN IRVING NOBLE
 ROBERT GUYLE FENTON SARVIS
 WILLIAM BRAZELL SCHOELWER
 RUSSELL ELLIOTT STEWART
 CHARLES VERNON THEIS
 MERRILL TOWNSEND
 RANDALL EDWIN WALKER

ELECTRICAL ENGINEER

GRIFFITH THOMAS ADDISON
 RICHARD HENRI BRAULT
 HAROLD EMERSON DEARDORFF
 LOWELL TOMAN DIEFENBACH
 EDWIN RALPH HOUSE
 GLEN LLOYD MCKINLEY
 RENE JOSEPH MAIRE MANSON

BYRON BIDDLE MINNIUM
 FRANK WILLIAM MORRISON
 NEWTON ALVIN NOBLE
 JAY RALPH PETREE
 ANDRE CHARLES PINGON
 MATTHEW SIMPSON SCHNEIDER
 BERZELIOUS STEPHAN WAGNER

MECHANICAL ENGINEER

HOWARD CROSBY CURTISS
 LADRU ORON GRAUER
 CARL RAYMOND HEENA
 HERBERT KOHL KEEVER
 CHRISTOPHER LIEBEL KOEHLER
 REUBEN ERVIN FREDERICK OTT

ROBERT NEAL PIPER
 CHARLES FOY ROBY
 WALTER EDWARD SPLAIN
 HOWARD LEIGH STACKHOUSE
 HARRY BACKUS WILLIAMS

METALLURGICAL ENGINEER

ROY GEORGE ROSHONG

NICHOLAS MANN SALKOVER

GLENN ELBERT SHOEMAKER

CERTIFICATE IN ACCOUNTING

OSCAR ANDREW DROSTE

THEODORE CHRISTIAN HASENOHR

LOUIS JOHN HOFFMAN

CERTIFICATE IN GENERAL BUSINESS

EDWIN FRANK PIERLE

COLLEGE OF MEDICINE

DOCTOR OF MEDICINE

RUSSELL BROOKS BAILEY
 FRANK TILDEN BECK
 F. PAUL BENNETT
 ALBERT LOUIS BROWN
 WILBUR LOUIS DAVIS
 JOHN ALLEN FRASER
 LOUIS WILLIAM GAKER
 GEORGE MARTIN GUEST
 DARIO GUTIERREZ L.
 OLIN B. HALL
 GEORGE L. HARDIN
 ARLETT BRYAN HARTMAN
 ELLIOTT MILEY HENDRICKS
 LOUIS JOSEPH HENDRICKS
 GWENDOLYN ANNA JONES
 HERMAN KECK
 THOMAS MICHAEL KLUG
 GEORGE F. KOETTER

ALBERT GEORGE KREIMER
 CHARLES HOYT LEECH
 SYDNEY LEVIN
 GUERNSEY REINER LUNGER
 JAMES ROBINSON MCCLUNG
 GEORGE WILLIAM MCCLURE
 AURELIA PLACK MCINTYRE
 HOWARD BRYSON MILLER
 MAURICE IRVING MILLER
 CLARENCE ALONZO MILLS
 MYER SALMEN MUSKAT
 WILLIAM CORNELIUS PAUL
 ODR A. PAVY
 LORENZO PEDROSO PORRAS
 CHARLES KENNETH RIDDLE
 ALMER D. RITENOUR
 HAROLD A. SCHIRRMANN
 VIOLETTA GILMAN SHELTON

HIRAM H. SLUTZ
 REGINE KRONACHER STIX
 EMIL RAWN SWEPSTON
 WAYNE KING TEMPLETON
 JOHN O. THEISS

WALTER C. VESTER
 CARL ALBERT WILZBACH
 JUSTICE FARLESS WYNN
 MENDEL ZELIGS

SCHOOL OF NURSING AND HEALTH

DIPLOMA OF GRADUATE NURSE

MARY LOUISE APCR
 EMILY ELIZABETH BENDER
 RUTH KATHERINE BINDLEY
 MARJORIE GENEVEA CAMPBELL
 CLARA DIEHL
 MARY NANCY DURBIN
 HELMA JOSEPHINE FERNSTROM
 CLARA ELIZABETH GESTEL
 THERESE WOLFSTEIN GOLDMAN
 IDA MARGARET HASLITT
 KATHRYN MAE HAUKE

HELEN VIRGINIA HEGLER
 IDA LYNETTE HIBBERT
 MARY MILDRED KELSO
 WILMA FLETCHER LLOYD
 ELLEN DOROTHY QUINLAN
 MARY JEAN TRACY
 ROBERTA CYNTHIA PHILBROOK
 EMILY WARRINGTON
 BESSE MAE WAYNE
 MARGARET DOROTHEA WEBER
 EVA ELIZABETH WORK

SPECIAL CERTIFICATE IN PUBLIC HEALTH NURSING

ELIZABETH MARJORIE STARTSMAN

DONNA LUCRETIA STOCKWELL

COLLEGE OF LAW

(Cincinnati Law School)

BACHELOR OF LAWS

SIDNEY F. ADLER
 DAVID V. ATTIG
 DEWITT WOODFORD BALCH
 STEPHEN SYLVESTER BEARD
 MAURICE ABRAM BERGMAN
 HORACE J. BOESCH
 WILLIAM JENNINGS BRYAN COOPER
 JOHN WILLIAM DAILEY
 EDWARD JAMES DEMPSEY
 CHARLES DONALD DILATUSH
 WILLIAM DALE DUNIFON
 DAVID LINCOLN FALK
 CARL ZENAS GARLAND
 GUY GAYNOR

PAUL RUTTER GINGHER
 URBAN RAYMOND JUERGENSEN
 HERMAN F. KRICKENBERGER
 WALTER L. METZGER
 CORNELIUS JOHN PETZOLD
 GORDON PHILLIPS
 HAROLD ANDERSON PREDMORE
 MAX RAFALO
 LENORE MCELEROY RHINE
 WILLIAM AUSTIN RODERICK
 LOUIS JULIUS STRICKER, JR.
 ABRAHAM TENNENBAUM
 RICHARD CAMERON THRALL
 FRANK WELLER

SUMMARY OF GRADUATES, JUNE, 1922

Honorary Degree:	
Doctor of Laws.....	3
Doctor of Humane Letters.....	1
Master of Arts.....	1
Graduate School:	
Ph. D. Degree.....	6
A. M. Degree.....	15
McMicken College of Liberal Arts:	
A. B. Degree.....	114
B. S. Degree.....	25
College for Teachers:	
B. S. Degree.....	31
Diplomas.....	31
College of Engineering and Commerce:	
Degrees.....	75
Certificates.....	4
College of Medicine.....	45
School of Nursing and Health:	
Diplomas.....	22
Certificates in Public Health Nursing.....	2
College of Law	28
Total.....	403

REGISTRATION OF STUDENTS, 1921 - 1922

ABBREVIATIONS

Any one of the following abbreviations placed beside a student's name indicates that he is taking work in the college designated as well as in the college in which he is listed:

ELA	Evening Courses in the College of Liberal Arts
LA	College of Liberal Arts
LA—D&E	Day and Evening Courses in the College of Liberal Arts
MC	College of Medicine
TC	College for Teachers
EC	College of Engineering
CL	College of Law
G	Graduate School
D	Listed in more than one college
N&H	School of Nursing and Health
ECC	Evening College of Commerce

GRADUATE SCHOOL

HANNA FELLOW IN PHYSICS

KARBLER, JOHN PHILIP (*Physics*).....30 E. St. Clair St., and Vickery, O.
B. S., Heidelberg University, 1919

D. A. R. FELLOW IN AMERICAN HISTORY

SCHERL, LOUISE DALE.....2220 Monroe Ave., Norwood, O.
A. B., University of Cincinnati, 1921

BALDWIN FELLOWS

CONOVER, ELMER G. (*Physics*).....Lebanon, N. J., and 1548 Ruth Ave.
A. B., Oberlin College, 1921

*ELLIOTT, ADALINE HALLOCK (*English*).....20 Ash St., Ludlow, Ky.
A. B., Miami University, 1908; A. M., University of Cincinnati, 1921

EVERSULL, BESS MARIE (*Mathematics*).....414 McGregor Ave., Elmwood Place, O.
A. B., University of Cincinnati, 1921

GUDIKUNST, EARL GROVER (*Political Science*)...820 Crosby St., Akron, O., and 32 Hollister St.
A. B., Municipal University of Akron, 1921

MADDOCK, CHARLOTTE LANDIS (*Chemistry*).....2642 Stanton Ave.
A. B., University of Cincinnati, 1919; A. M., *ibid.*, 1921

MADDOCK, STEPHEN JAMES (*Anatomy*).....1545 Ruth Ave.
A. B., University of Cincinnati, 1919

OLIVER, SYMMES FRANCIS (*Physiology*).....2233 Park Ave.
A. B., University of Michigan, 1914; M. D., University of Cincinnati, 1918

SOLLER, WALTER (*Mechanical Engineering*).....2415 Talbott Ave.
M. E., University of Cincinnati, 1917; A. M., *ibid.*, 1921

VAN FLEET, HENRY BELLIS (*Civil Engineering*).....752 E. Epworth Ave.
A. B., Harvard University, 1920

WALKER, ROBERT COULTER (*Biochemistry*).....2515 Auburn Ave.
A. B., University of the South, 1915; A. M., *ibid.*, 1920

*Deceased

UNIVERSITY SCHOLARS

- BINSTOCK, LOUIS (*Philosophy*).....510 Union St.
A. B., University of Tennessee, 1916
- COOK, WALTER ANDREW (*Chemistry*).....Fourth and Sycamore Sts., Hamilton, O.
A. B., University of Cincinnati, 1921
- HART, HUMES H. W. (*Romance Languages*).....3023 Bathgate St.
A. B., University of Cincinnati, 1918

GRADUATE STUDENTS

- ACKERSON, CLARA MONROE (*Education*).....307 Grove Ave., Wyoming, O
A. B., University of Cincinnati, 1918
- ALLEN, DOROTHY RUTH (*Chemistry*).....1629 Lincoln Ave.
A. B., University of Cincinnati, 1921
- AMIDON, VIVIEN MILLAR (*Psychology*).....2228 Fulton Ave.
A. B., University of Cincinnati, 1918
- ANSHUTZ, GRACE THOMAS (*English*).....3561 Paxton Rd.
A. B., Wilmington College, 1918
- ASHBROOK, HENRIETTE (*Romance Languages*).....2 Hedgerow Lane
A. B., University of Cincinnati, 1920
- AXLINE, ELEANOR (*English*).....8 The Priscilla Apts.
A. B., University of Cincinnati, 1921
- BACHARACH, REBECCA (*English*).....The Rose Hill Apts.
A. B., Wellesley College, 1921
- BACON, MARGARET REARDON (*Education*).....2393 Kemper Lane
Ph. B., University of Chicago, 1904
- BAILEY, JESSIE MURRAY.....The Glencoe Hotel
B. L., Ohio Wesleyan University, 1901
- BAKER, WILLIAMETTA (*Latin*).....11 Twenty-first St., Newport, Ky.
A. B., University of Cincinnati, 1920
- BARTLETT, RUHL JACOB (*History*).....2329 Park Ave., Norwood, O.
A. B., Ohio University, 1920
- BECKER, LILLIE (*Education*).....707 Purcell Ave.
B. S., University of Cincinnati, 1919
- BEGTEL, FLOYD ELDON (*Botany*).....4901 Winton Rd
A. B., Indiana Central University, 1912; A. M., Indiana University, 1917
- BINGEL, ELLA J. (*Biochemistry*).....124 Lyon St.
B. S., University of Cincinnati, 1918
- BINSTOCK, LOUIS (*Philosophy*).....510 Union St.
A. B., University of Tennessee, 1916
- BOOKSTABER, PHILIP DAVID (*Philosophy*).....Louisville, Ky., and 501 Carplin Pl.
B. S., College of the City of New York, 1911; A. M., Columbia University, 1912
- BOONE, WALLACE WILLIAM (*Metallurgy*).....1523 Dixmont Ave.
Ch. E., University of Cincinnati, 1919
- BRAAM, MAXIMILIAN (*Germanic Languages*).....3449 Lyleburn Pl.
A. B., University of Cincinnati, 1906; A. M., ibid., 1913
- BRILL, WALTER HENRY (*Mathematics*).....1816 Duck Creek Rd.
A. B., University of Cincinnati, 1916
- BROOKS, ALBERT NELSON (*Botany*).....3655 Middleton Ave.
A. B., University of Cincinnati, 1921
- BROWN, COOPER OTHNEIL (*Chemistry*).....Chattanooga, Tenn., and 2605 Hemlock St.
B. S., University of Chattanooga, 1919
- BUSCH, GLADYS HELEN (*Latin*).....271 Gilman Ave.
A. B., University of Cincinnati, 1920
- BUTTENWIESER, HILDA (*Latin*).....252 Loraine Ave.
A. B., Bryn Mawr College, 1920; A. M., University of Cincinnati, 1921

- CALLAHAN, FLORENCE (*Education*).....966 Hawthorne Ave.
A. B., *University of Cincinnati*, 1921
- CALVERT, HARRY HUDSON (*Education*).....2513 Auburn Ave.
A. B., *De Pauw University*, 1913
- CLARK, DOROTHY ELIZABETH (*English*).....5543 Arnsby Pl.
A. B., *University of Cincinnati*, 1917
- CLARK, PAUL BURROUGHS (*Biblical Literature*).....22 E. 26th St., Covington, Ky.
A. B., *University of Cincinnati*, 1919
- CONOVER, ELMER GARRETT (*Physics*).....Lebanon, N. J., and 1548 Ruth Ave.
A. B., *Oberlin College*, 1921
- COOK, WALTER A. (*Chemistry*).....Fourth and Sycamore Sts., Hamilton, O.
A. B., *University of Cincinnati*, 1921
- CROUSE, ANNA MARIE (*English*).....531 Terrace Ave.
A. B., *Western College*
- DANIELS, VERA CAROLYN (*Latin*).....2434 Maplewood Ave.
A. B., *University of Cincinnati*, 1916
- DAVIDSON, ALVINA (*English*).....1242 First Ave.
A. B., *University of Cincinnati*, 1911
- DAVIDSON, CHARLES LOWELL (*Education*).....2145 Sinton Ave.
A. B., *Yale University*, 1907
- DAVIS, HARRY E. (*Education*).....1923 Delaware Ave., Norwood, O.
A. B., *Willenberg College*, 1914
- DEARNESS, DONALD FREDERICK (*Geology*).....3492 Cheviot Ave.
A. B., *University of Cincinnati*, 1916
- DISERENS, CHARLES MURDOCH (*Psychology*).....3550 Evanston Ave.
A. B., *University of Lebanon*, 1915; A. M., *University of Cincinnati*, 1917
- DOLAN, EDITH AGATHA (*English*).....3981 Lowry Ave.
B. S., *University of Cincinnati*, 1919
- DRACH, HARVEY EDWARD (*English*).....2200 Auburn Ave.
A. B., *University of Cincinnati*, 1920; A. M., *ibid.*, 1921
- DUNN, W. ROSS.....11 Harris Bldg., Norwood, O.
B. S., *Ohio University*, 1916
- DURRELL, EDITH MEGRUE (*Chemistry*).....3212 Beredith Pl.
A. B., *Sweet Briar College*, 1921
- *ELLIOTT, ADALINE HALLOCK (*English*).....20 Ash St., Ludlow, Ky.
A. B., *Miami University*, 1908; A. M., *University of Cincinnati*, 1921
- ERMERT, HETTIE C. (*German*).....Eighth and Overton Sts., Newport, Ky.
A. B., *University of Cincinnati*, 1920
- EVERSULL, BESS MARIE (*Mathematics*).....414 McGregor Ave., Elmwood Place, O.
A. B., *University of Cincinnati*, 1921
- FACKLER, CLARENCE WEBSTER (*Economics*).....236 Loraine Ave.
A. B., *Iowa State University*, 1920
- FEGER, HATTIE VIRGINIA (*Education*) [*ELA*].....872 Wehrman Ave.
B. S., *University of Cincinnati*, 1921
- FELD, JACOB (*Civil Engineering*).....582 Herkimer St., Brooklyn, N. Y., and 3348 Burnet Ave.
B. S., *College of City of New York*, 1918; A. M., *University of Cincinnati*, 1921
- FEUSSE, ELMER GEORGE (*Physical Chemistry*).....1906 Bigelow St.
A. B., *University of Cincinnati*, 1919; A. M., *ibid.*, 1920
- FILLAGER, ELSIE LOUISE.....611 McKinney St., Dayton, Ky.
- FLESSA, HERBERT LUTHER (*Education*).....237 Emming St.
A. B., *University of Cincinnati*, 1912
- FOOTE, HELEN ALLEE (*Philosophy*).....31 The Park Apts.
A. B., *University of Cincinnati*, 1914
- FORD, FLORENCE (*Chemistry*).....61 Auburndale Pl.
A. B., *University of Cincinnati*, 1921

- FOX, EDITH (*Botany*) The Brookline Apts.
A. B., Wellesley College, 1904
- FRASER, HELEN MORISON (*History*) [ELA] 25 The Roanoke Apts.
A. B., Vassar College, 1919
- FREIBERG, JOSEPH A. (*Biochemistry*) 3577 Alaska Ave.
A. B., Harvard University, 1920
- FRY, LAURA MARIAN (*Romance Languages*) 3678 Kendall Ave.
A. B., University of Cincinnati, 1920; A. M., Columbia University, 1921
- FRYE, THOMAS CRADDOCK (*Education*) 2588 Ring Pl.
B. S., Berea College, 1915
- FUSON, HENRY HARVEY (*Education*) 1920 Garrard St., Covington, Ky.
B. S., University of Cincinnati, 1920
- GAMES, OTIS (*History*) 4533 Hector Ave.
A. B., Ohio Wesleyan University, 1908
- GASSMAN, HARRY WORD (*Education*) 111 E. Auburn Ave.
A. B., Washington and Lee University, 1908
- GEETING, ANNA MAE (*History*) Chillicothe, O., and 940 Elberon Ave.
B. S., Miami University, 1919
- GOLDSMITH, ETHEL (*Psychology*) 3256 Burnet Ave.
A. B., University of Cincinnati, 1918
- GRAY, GEOFFREY ARTHUR (*Chemistry*) 3537 Trimble Ave.
A. B., University of Cincinnati, 1902; A. M., *ibid.*, 1904
- GROSSE, MARGARET (*Mathematics*) 5123 Whetsel Ave.
A. B., University of Cincinnati, 1921
- GUDIKUNST, EARL GROVER (*Political Science*) 820 Crosby St., Akron, O., and 32 Hollister St.
A. B., Municipal University of Akron, 1921
- GUELKER, HERBERT (*Education*) 1015 Academy Ave.
A. B., University of Cincinnati, 1912
- HAEHNLE, ELMER CHRISTIAN (*Education*) 830 York St.
A. B., University of Cincinnati, 1911
- HALDI, JOHN EMIL (*Physiology*) Ninth and Isabella Sts., Newport, Ky.
A. B., Mount St. Mary's College, 1917
- HALL, RUTH ELIZABETH (*Education*) 2614 Hemlock St.
A. B., University of Cincinnati, 1912
- HARDISTY, IDOLETTA (*Education*) 3811 Eastern Ave.
A. B., Indiana University, 1905
- HARPER, BERTA B. (*English*) 828 Maple Ave., Newport, Ky.
A. B., University of Cincinnati, 1919
- HART, HUMES HOUSTON WHITTLESLEY (*Romance Languages*) 3023 Bathgate St.
A. B., University of Cincinnati, 1918
- HECKERMANN, RUTH (*Education*) 642 Monroe Ave., Newport, Ky.
A. B., University of Cincinnati, 1918
- HOLLOWAY, MARY KUGHLEY (*Romance Languages*) 3252 Delaware Ave.
B. S., University of Cincinnati, 1919
- HOOKE, RUTH CATHERINE (*Education*) 20 E. Eighth St.
A. B., University of Cincinnati, 1920
- HOTTENDORF, ELIZABETH (*Botany*) [ELA] 810 Richmond St.
A. B., University of Cincinnati, 1919
- HOUK, RAYMOND A. (*English*) 1114 Draper St.
A. B., Wittenberg College, 1911; B. D., *ibid.*, 1914; A. M., *ibid.*, 1914
- INSKEEP, HAROLD ELWOOD (*English*) 1023 Scott St., Covington, Ky.
A. B., University of Cincinnati, 1914
- IRWIN, NELLIE MILDRED (*Botany*) 6405 Roe St.
A. B., University of Cincinnati, 1920
- ISAACS, MOSES LEGIS (*Biochemistry*) Delaware and Kosota Sts.
A. B., University of Cincinnati, 1921; A. M., *ibid.*, 1921

- JOHNSON, CHARLES WILLIAM (*Education*).....3968 Regent Ave., Norwood, O.
B. S., *University of Cincinnati*, 1918
- JOHNSON, EDWARD SHURLEY (*History*).....Lane Seminary
A. B., *Asbury College*, 1920
- JULIAN, CORNELIO DATO (*Bacteriology*).....1900 Taft Rd.
A. B., *Ohio Wesleyan University*, 1919
- KAHR, JOHANNA (*English*).....259 Greendale Ave.
A. B., *University of Cincinnati*, 1919
- KARBLER, JOHN PHILIP (*Physics*).....Vickery, O., and 30 E. St. Clair St.
B. S., *Heidelberg University*, 1919; A. M., *University of Cincinnati*, 1921
- KERSTING, EMMA SOPHIA (*Mathematics*).....3936 Dickson Ave.
A. B., *University of Cincinnati*, 1904; A. M., *ibid.*, 1912
- KNIGHT, HELEN SHERWOOD (*English*).....4520 Erie Ave.
A. B., *University of Cincinnati*, 1920
- KOHLER, LYDIA DOBLER (*German*).....1421 Groesbeck Rd.
A. B., *Brown University*, 1910
- KRAUPNER, WILLIAM (*Mathematics*).....4106 Sherwood Ave.
- LA MAY, ETHEL ROBERTA (*Education*).....5310 Ravenna St.
A. B., *University of Cincinnati*, 1921
- LEVINE, SARAH (*Education*).....806 W. Seventh St.
B. S., *University of Cincinnati*, 1921
- LYLE, JOSEPH WILSON (*Education*).....1014 Chapel St.
B. S., *Ohio University*, 1914
- MCMUTT, WALTER SCOTT (*Philosophy*).....645 State Ave.
B. L., *Arkansas Cumberland College*, 1917; A. B., *University of Texas*, 1918; A. M.,
ibid., 1919.
- MADDOCK, CHARLOTTE LANDIS (*Chemistry*).....2642 Stanton Ave.
A. B., *University of Cincinnati*, 1919; A. M., *ibid.*, 1921
- MADDOCK, STEPHEN JAMES (*Anatomy*).....1545 Ruth Ave.
A. B., *University of Cincinnati*, 1919
- MEYDER, MINNIE (*Education*).....4235 Florida Ave.
B. S., *University of Cincinnati*, 1921
- MURPHY, ADA MARGUERITE (*English*).....4502 Hector Ave.
A. B., *University of Cincinnati*, 1907
- MYNCHENBERG, GEORGE CARL, JR. (*Anatomy*).....625 Crown St.
A. B., *Wittenberg College*, 1920
- OCEL, JACOB JESSE (*Chemistry*).....3561 Wilson Ave.
A. B., *University of Cincinnati*, 1921
- OSTER, EUGENE ARTHUR (*Chemistry*).....2335 Muriel Court
E. E., *University of Cincinnati*, 1915
- OSTERBROCK, WILLIAM CARL (*Electrical Engineering*).....3014 Scioto St.
E. E., *University of Cincinnati*, 1918
- OTTO, CARL EVERETT (*Chemistry*).....1 Highway Ave., Covington, Ky.
A. B., *University of Cincinnati*, 1916; A. M., *ibid.*, 1920
- OXLEY, EDMUND HARRISON (*Philosophy*).....728 W. Seventh St.
B. D., *Howard University*, 1908; S. T. B., *Harvard University*, 1909
- PERIN, KATE (*Geology*).....4729 Peabody Ave.
A. B., *University of Cincinnati*, 1908
- PHYTHIAN, MARGARET TAYLOR (*Romance Languages*).....Newport, Ky.
A. B., *Agnes Scott College*, 1916
- PLUCKEBAUM, DOROTHY ELIZABETH (*Education*).....4711 Loretta Ave.
A. B., *University of Cincinnati*, 1916
- POSEY, JAMES SHERMAN (*Education*).....The Central Y. M. C. A.
A. B., *Eureka College*, 1921
- RABENSTEIN, MATILDA AGNES (*English*).....1218 Carolina Ave.
A. B., *University of Cincinnati*

- REICHERT, VICTOR EMANUEL (*English*).....2623 Eden Ave.
A. B., *College of the City of New York*, 1918; B. L., *Columbia University*, 1921
- REYNOLDS, FRANK MARION (*Education*).....4417 Kemper Ave., St. Bernard, O.
B. S., *University of Lebanon*, 1904; A. M., *Cedarville College*, 1911
- RIBBINK, ALFRED (*Economics*).....236 Loraine Ave.
B. S., *Iowa State University*, 1920
- RIFFE, LAURA CASSIDY (*Latin*).....513 Garrard St., Covington, Ky.
A. B., *University of Cincinnati*, 1916
- ROBERTS, NELLIE EDITH (*English*) [ELA].....1810 Young St.
A. B., *Southwestern College*, 1914
- ROCKWELL, GEORGE EDMUND (*Bacteriology*).....3464 Greenlawn Ave.
B. S., *University of Cincinnati*, 1921
- ROWE, ELSIE JORDAN (*Geology*).....1643 Knowlton St.
B. S., *University of Cincinnati*, 1919
- RUGGLES, LILLIAN GRACE (*Latin*).....2204 Fulton Ave.
A. B., *University of Cincinnati*, 1913
- SAPP, NANNA ALBERTA (*English*).....2371 Kemper Lane
A. B., *Denison University*, 1895
- SCHERL, LOUISE DALE (*History*).....2220 Monroe Ave., Norwood, O.
A. B., *University of Cincinnati*, 1921
- SCHUING, MINNA J. (*English*).....1756 Hanfield St.
B. S., *University of Cincinnati*, 1920
- SCHROEDER, ESTHER LYDIA (*Education*).....425 Ridgeway Ave.
A. B., *University of Cincinnati*, 1915
- SCULLY, RICHARD EDWARD (*Philosophy*).....326 Purcell Ave.
A. B., *De Pauw University*, 1910
- SHAFFER, HERBERT (*Economics*).....1355 Cryer Ave.
A. B., *University of Cincinnati*, 1913; LL. B., *ibid.*, 1917; B. S., *ibid.*, 1920
- SHAFFER, SUSAN LEWIS (*History*).....2260 Park Ave.
A. B., *University of Cincinnati*, 1917
- SISSON, DOROTHY (*Philosophy*).....2551 Homestead Pl.
A. B., *University of Cincinnati*, 1920
- SLUTZ, ELLA JEANETTE (*English*).....Cloverbrook Home for Blind, Mt. Healthy, O.
A. B., *University of Cincinnati*, 1920; A. M., *ibid.*, 1921
- SMITH, BENJAMIN FRANKLIN (*Philosophy*).....426 Richmond St.
A. B., *University of Cincinnati*, 1920
- SMITH, INA KAY (*Education*).....2224 Eastern Ave., Covington, Ky.
A. B., *Kentucky State University*, 1907
- SMITH, JOHN WESLEY (*Education*).....Williamsburg, O.
Pg. B., *Valparaiso University*, 1918; A. B., *Wilmington College*, 1920
- SOLTER, WALTER (*Physics*).....2415 Talbott Ave.
M. E., *University of Cincinnati*, 1917; A. M., *ibid.*, 1921
- SORIN, EUGENE (*Civil Engineering*).....3396 Erie Ave.
M. E., *University of Cincinnati*, 1921
- SPORING, EDWARD FRANKLIN (*Education*).....Newport, Ky.
A. B., *Wilmington College*, 1920
- STEPHANS, DOROTHY MARIE (*Classics*).....111 W. Fourth St., Covington, Ky.
A. B., *University of Cincinnati*, 1921
- STUERWALD, OLGA VIOLETT (*Education*).....8333 Woodbine Ave.
A. B., *University of Cincinnati*, 1920
- STUNTZ, EDNA MARY (*English*) [ELA].....2981 Observatory Ave.
B. S., *University of Cincinnati*, 1919
- STURWOLD, MARIE ANTOINETTE (*English*).....1009 Academy Ave.
A. B., *University of Cincinnati*, 1918
- TALCOTT, CAROLYN RENNER (*English*).....3892 Clifton Ave.
A. B., *Wellesley College*, 1917

THOMAS, MARGARET KEARSEY (<i>Philosophy</i>)	2505 Gilbert Ave.
A. B., <i>University of Cincinnati</i> , 1916; A. M., <i>ibid.</i> , 1921	
VAN FLEET, HENRY BELLIS (<i>Engineering</i>)	752 E. Epworth Ave.
A. B., <i>Harvard University</i> , 1920	
VAN WINKLE, EDWIN C. (<i>Education</i>)	2231 Reading Rd.
B. S., <i>Ohio University</i> , 1913	
VAUPEL, JEAN CLARA (<i>Education</i>)	6024 Lantana Ave.
A. B., <i>University of Cincinnati</i> , 1916	
WABNITZ, WILLIAM SEYMOUR (<i>English</i>)	6809 Carthage Pike
A. B., <i>Ohio State University</i> , 1916	
WACHS, ELENORE GLOVER (<i>Botany</i>)	235 Hosea Ave.
A. B., <i>University of Cincinnati</i> , 1921	
WALDMAN, BESSIE (<i>English</i>)	5835 Hamilton Ave.
A. B., <i>University of Cincinnati</i> , 1915	
WARMOTH, RAY (<i>Mathematics</i>)	1929 Waverly Ave., Norwood, O.
A. B., <i>Indiana State Normal School</i> , 1917	
WARNKING, MAY (<i>Education</i>)	4792 Rapid Run Rd.
A. B., <i>University of Cincinnati</i> , 1911	
WEATHERBY, JUANITA ALBERTA (<i>English</i>)	4664 Hamilton Ave.
B. S., <i>University of Cincinnati</i> , 1919	
WEIL, VALERIE M. (<i>Social Science</i>)	2532 Highland Ave.
A. B., <i>University of Cincinnati</i> , 1902	
WEITKAMP, HELEN (<i>Biochemistry</i>)	757 McMakin Ave.
B. S., <i>University of Cincinnati</i> , 1921	
WHITAKER, MARGARET HELEN (<i>Political Science</i>) [ELA]	4419 Carnation Ave.
A. B., <i>Smith College</i> , 1918	
WILLIAMS, CLYDE W. (<i>History</i>)	407 Jackson St., St. Bernard, O.
Ph. B., <i>Lebanon University</i> , 1910; A. B., <i>Wilmington College</i> , 1920	
WILLIAMS, KATHERINE MEREDITH (<i>English</i>)	4425 Station Ave.
A. B., <i>University of Cincinnati</i> , 1915	
WILLS, WALLACE W. (<i>Psychology</i>)	Racine, Wis., and 2605 Hemlock St.
A. B., <i>Lawrence College</i> , 1918	
WILSON, ALICE ELIZABETH (<i>Latin</i>)	2323 Ohio Ave.
A. B., <i>University of Cincinnati</i> , 1905	
WILSON, MINNIE LOUISE (<i>Classics</i>)	2323 Ohio Ave.
A. B., <i>University of Cincinnati</i> , 1902	
WINSTON, JEAN (<i>Mathematics</i>)	R. F. D., No. 3, Latonia, Ky.
A. B., <i>University of Cincinnati</i> , 1921	
WINSTON, MATTIE (<i>Geology</i>)	608 Crown St.
A. B., <i>University of Cincinnati</i> , 1915	
WUEST, ALMA MARIE (<i>Mathematics</i>)	158 W. McMillan St.
A. B., <i>University of Cincinnati</i> , 1915; A. M., <i>ibid.</i> , 1920	
WURTZ, LOUISE B. (<i>English</i>)	3025 Beekman St.
A. B., <i>University of Cincinnati</i> , 1904; A. M., <i>ibid.</i> , 1920	

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BAUER, GILBERT H.	727 S. Crescent Ave.
BARNARD, ALLEEN ELIZABETH	1315 Locust St.
BENARDETE, MEYER	702 Richmond St.
BOLENBAUGH, MILDRED DIMMITT	565 Delta Ave.
BOWMAN, MARY BELLE [TC]	2439 Moerlein Ave.
BOX, VIRGINIA [TC]	A l'Aise Apts.
BRADY, BESSIE [TC]	744 Wayne St.
BRAZELTON, HILDRED [TC]	3570 Monteith Ave.
BREUER, LOUISE [TC]	Hamilton Ave. near North Bend Rd.
BROWN, RALPH	1337 Locust St.
BUSCHE, MARGARET JEANETTE [N&H]	The General Hospital
CHRISMAN, IRENE LOUISE [TC]	246 Piedmont St.
CLIPPINGER, RUTH HELEN [TC]	4412 Erie Ave.
COOK, ISABELLE RUTH [TC]	4229 Brookside Ave.
COWDREY, GEORGE CLAIR [TC]	1810 Young St.
DALZELL, JOHN WASSON	3442 Brookline Ave.
DARROW, VIRGINIA	2764 Madison Rd.
DIETRICH, MARY CATHARINE	The Anna Louise Inn
DONOVAN, MARGARET R. [TC]	2606 Euclid Ave.
DRAPER, LUCY MCCREA	3740 Clifton Ave.
DRIEHAUS, ELINOR ELIZABETH [TC]	4526 Lucerne Ave.
ELBERG, ERMA ENGEL [TC]	311 Elland Circle
ELSBACH, FREMONT A.	3049 Cleinview Ave.
EVERSULL, EDNA ETHEL [TC]	414 McGregor Ave., Elmwood Place, O.
FERRIS, ELMA VICTORIA	2608 Madison Rd.
FILLMORE, ANNETTE [TC]	3531 Bevis Ave.
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FRIEDMAN, ESTELLE [TC&ELA]	776 E. Ridgeway Ave.
GAMPPER, NELSON MESSNER [TC]	1153 Inglenook Pl.
GAU, LUCILLE ADELE [TC]	2525 Gilbert Ave.
GHOLSON, WILLA MAY [TC]	2323 Kenton St.
GLAZER, BABE	Kansas City, Mo., and 328 Dixmyth Ave.
GREGG, ANNA MYRA [TC]	565 Terrace Ave.
GUHMAN, HELEN MARIE [TC]	6253 Kincaid Rd.
HAMILTON, MARGARET AGNES [TC]	2306 Norwood Ave., Norwood, O.
HAWK, WILLIAM MCCLURE	4044 Runnymede Ave.
HEIS, CHRISTINE CATHERINE [TC]	2409 Baltimore Ave.
HIER, FRANK	Ashland and Adams Aves., Norwood, O.
HOEHNE, VIOLA KATHERINE [TC]	1714 Hewitt Ave.
HUBER, MARION HENRY	Harrison, O., and 743 Hawthorne Ave.
HUFF, DOROTHY MARIE	3560 Monteith Ave.
IRWIN, CLARENCE BERTRAND	6405 Roe St.
JAMES, AGNES HAMILTON	Tiffin, O., and 958 Marion Ave.
JENNINGS, CHARLOTTE MARGARET [TC&ELA]	650 Crescent Ave.
JOHNEN, LOUIS JOHN	1743 Sycamore St.
JOHNSON, ELLA GERTRUDE	3427 Burch Ave.
JOHNSTONE, ROBERTA ALEXANDER	1227 Elm St.
KEMPER, VIRGINIA CAMPBELL	2401 Ashland Ave.
KENNEDY, EDWARD DAVID	104 Mason St.
KINGERY, WILLIAM RAY [TC]	1375 Myrtle Ave.
KRAPP, RUTH LIZETTE [TC]	2012 Burnet Ave.
KREIMER, EMMA LOUISE	3407 Cornell Pl.
LAMBKINS, KATHERINE VIVIAN [TC]	414 Park St.
LECOUNT, VERA ADELIA L.	722 Columbia Ave., Newport, Ky.
LETENDRE, BEATRICE MALVINA [TC]	672 Rockdale Ave.
LUEBBERT, GLADYS MORSE	589 Terrace Ave.
MCGREGOR, RUTH ELEANOR [TC]	3525 Shaw Ave.

McINTIRE, WARREN WALLACE.....	2318 Williams Ave., Norwood, O.
MARTIN, GLADYS [TC].....	256 Calhoun St.
MEADOWS, JAMES BOTTS [ELA&ECQ].....	605 Overton St., Newport, Ky.
METZGER, HOWARD EDWARD.....	354 Thrall Ave.
MEYERS, PHILIP MITCHELL [ELA].....	1518 St. Leger Pl.
MOOREHOUSE, DOROTHY HENRIETTE [N&H&ELA].....	The General Hospital
MOORMAN, THELMA FINCH.....	3214 Beresford Ave.
MORRIS, GEORGE WILLIAM.....	2357 Stratford Ave.
MORTON, LENA BEATRICE [TC].....	616 Barr St.
MOTE, NEVA PAULINE [N&H].....	The General Hospital
MYERS, ALFARATA.....	875 Hutchins Ave.
NATHAN, DAVID SOLOMON.....	338 Erkenbrecher Ave.
NEWMAN, EDWARD LAURENCE.....	4321 Floral Ave., Norwood, O.
O'CONNELL, MARY RUTH [TC].....	627 Hawthorne Ave.
O'CONNOR, SYLVIA VOSS.....	3396 Bishop St.
PARKER, CHARLES STANTON [TC].....	3442 Brookline Ave.
PFLEGER, EDNA.....	218 Erkenbrecher Ave.
POCHAT, LOUIS CARL [ELA].....	4228 Floral Ave., Norwood, O.
POOS, GRETCHEN ERNA [TC].....	445 Riddle Rd.
PRESSLER, WILMA MARGUERITE [TC&ELA].....	220 Lyon St.
RICHARDSON, VIOLA IRENE [TC].....	2929 Gilbert Ave.
RICHEY, ELIZA DOROTHY.....	3017 Marshall Ave.
RITCHIE, DORA GRAY.....	203 Burns Ave., Wyoming, O.
ROBERTS, ELIZABETH ISABELLE [TC].....	243 Hosea Ave.
ROEDTER, CHARLOTTE [TC].....	36 E. Hollister St.
SACHTELEBEN, MARGUERITE [TC].....	2718 Cleinview Ave.
SCHEIFFELE, MARGARETHE FREDERICA [TC].....	2344 Chickasaw St.
SCHWEIKERT, MABEL [ELA].....	725 York St., Newport, Ky.
SEGAL, EUGENE.....	850 Blair Ave.
SHAPPER, ALICIA BAKEWELL.....	2260 Park Ave.
SHUMARD, LUCILE [TC].....	.....Milford, O.
SIGLER, MIRIAM DORLAND.....	187 Woolper Ave.
STEVENS, MARY CHARLOTTE.....	2023 Meryton Pl.
STEWART, MARJORIE [ELA].....	2918 Urwiler Ave.
STORRS, HELEN.....	3 Ft. Thomas Ave., Ft. Thomas, Ky.
STUMP, MYRTLE MARIE [TC].....	576 Delta Ave.
TEBBENHOFF, FLORENCE IMOGEN [TC&ELA].....	1931 Bigelow St.
TOWNSEND, JOHN HARRISON.....	3052 Hackberry St.
TUCKER, ELIZABETH ESTELLE [TC].....	3117 Harvard Ave.
TUCKER, EVELYN CAROLINE [ELA].....	2768 Minot Ave.
TURPIN, VIRGINIA.....	3661 Heekin Ave.
TWITCHELL, HENRY.....	845 Dayton St.
ULLAND, RUTH MARGARET.....	429 Howell Ave.
WAGER, IMOGENE CONSTANCE [TC].....	3312 Columbia Ave.
WALLS, JAMES ROBERT.....	1203 E. McMillan St.
WASMEF, ALICE ELEONORA [TC&ELA].....	1730 Pell Pl.
WITHROW, KATHERINE [TC].....	921 Rogers Pl.
WYDMAN, BYRON H.....	2976 Springer Ave.

Juniors

AARONSOHN, MICHAEL.....	Baltimore, Md., and 857 Rockdale Ave.
ADAMS, CARL BRUNO.....	2133 Vine St.
ADDICOTT, GERTRUDE IRENE [N&H].....	The General Hospital
BARNES, HARRY ELLIOTT.....	5922 Kellogg Ave.
BEIDERWELLA, HELEN EMMA [TC].....	2537 Homestead Pl.
BENTON, ESTELLE.....	The Conservatory of Music

BENUS, FRANK ALONZA.....	360 Resor Ave.
BERMAN, BENJAMIN.....	675 Clinton Springs Ave.
BERNSTEIN, LOUIS FISHER.....	Indianapolis, Ind., and 3590 Eden Ave.
BEUTEL, LESTER.....	224 E. Clifton Ave.
BORRESON, ESTELLA JOSEPHINE [TC].....	4711 Burnet Ave., St. Bernard, O.
BUDKE, HELEN MARIE [TC].....	3819 Carrie Ave., Cheviot, O.
CHARNI, ARTHUR LOWE.....	Brookville, Ind., and 2617 University Ct.
CHISHOLM, DAVID BRENNEMAN.....	4603 Glenshade Ave.
COCREL, WILLIAM ARTHUR.....	6205 Desmond St.
CRAIG, PALMER H.....	3397 Glenmore Ave.
CRANE, JOSEPHINE EVERETTE [TC].....	211 W. Seventy-first St.
CUSTER, BERNICE B.....	221 Grant St.
DAIL, HELEN CAROLYN [ELA].....	202 Greendale Ave.
DAY, DOROTHY M. [TC].....	Knorr and Bickel Aves.
DOLLE, WILLETTA RUTH.....	6331 Grand Vista Pl.
DUNCAN, DOROTHY VIRGINIA [TC].....	4727 Winona Terrace
FARBACH, MARION ELIZABETH [TC].....	167 Woolper Ave.
FELL, ESTELLE MARY [TC].....	1434 Pullan Ave.
FERNSTROM, HELMA JOSEPHINE [N&H & ELA].....	The General Hospital
FINEBERG, HOWARD.....	310 Melish Ave.
FLANNERY, MARGARET MARY [TC].....	1712 Madison Rd.
FRY, WILFRED BUCKINGHAM.....	3167 Kendall Ave.
GABRIEL, EDWARD C.....	512 Enright Ave.
GEBAUER, MAX BORK.....	2816 Highland Ave.
GEISLER, SYLVIA BERTHA [TC].....	463 Riddle Rd.
GELBREICH, PAUL WALTER.....	6038 Montgomery Rd.
GLENN, LILLIAN RUTH [ELA].....	The Anna Louise Inn
GRAFMAN, LOUIS ELIOT.....	Brooklyn, N. Y., and 3014 Burnet Ave.
GREENWALD, HYMAN TUPPER.....	3408 Burnet Ave.
GREIG, MARJORIE BEATRICE.....	2420 Lysle Lane, Norwood, O.
HALL, MARGARET ELIZABETH.....	Seymour, Ind., and 2319 Flora Ave.
HAMBRICK, LUCILE [TC].....	2624 Eden Ave.
HAY, DOROTHY.....	35 Walnut Ave., Wyoming, O.
HELMBOLD, AUGUST FREDERICK W.....	718 Columbia St., Newport, Ky.
HENKE, MARIE MAGDALENE [TC].....	Mt. Holly, O., and 1423 Baymiller St.
HENSLE, HARRIETT HELEN [TC].....	1059 Pine St.
HEROLD, LULU [N&H].....	The General Hospital
HIGGINS, RUTH MARGARET.....	6731 Lebanon Ave.
HOECK, JAMES HERMAN.....	2822 Highland Ave.
HOFFMAN, ANNA LOUISE.....	1608 Madison Ave., Covington, Ky.
HOLLAND, WILLIAM WEBSTER.....	1351 Grace Ave.
HULTZ, RAYMOND FREEMAN.....	Withamsville, O.
ISAACS, ASHER.....	Delaware and Kasota Aves.
ISLER, LILLIAN ELENORE.....	3820 Floral Ave., Norwood, O.
JENSEN, HAROLD CHARLES.....	1343 Michigan Ave.
KOCH, FRANK ACHERT.....	2403 Highland Ave.
KRAMER, MARY VIRGINIA [TC].....	1055 Wiltach St.
KROENCKE, EDWARD JOSEPH.....	Ridge Ave., Pleasant Ridge
KRONMAN, HARRY LINCOLN.....	New York City, and 2623 Eden Ave.
KUNZ, WALTER BRAMBLE.....	3423 Knott Ave.
LAUTERBACH, ETHEL.....	826 Hutchins Ave.
LEHMAN, MARION LOUISE.....	16 The Avon Apts.
LEVINE, MAURICE [ELA].....	828 Cleveland Ave.
LIFSCHITZ, THEODORE.....	New York City, and 3461 Knott Ave.
LINDAN, MIRIAM CHARLOTTE.....	Greensboro, N. C., and 232 Hearne Ave.
MCGRANE, LENORE FOOTE.....	2302 Kemper Lane
MARTIN, LOUIS FRANK.....	906 Clinton St.

MATHEWS, GRACE ELIZABETH	Dale Ave., Bond Hill
MERRIMAN, GAYLORD MAISH	607 Main Ave., Elmwood Place, O.
METZ, AGNES LOUISE [TC]	1631 Race St.
METZ, MURIEL LENORA [TC]	1631 Race St.
MILLER, RELAND	3515 Michigan Ave.
MONGER, HERSCHEL HAROLD	1014 Locust St.
MONRO, DOROTHY GRACE	6430 Ridge Ave.
MOORE, PAUL D. [ELA]	3202 Harvey Ave.
MOORMAN, CLINTON ROBERT	3214 Beresford Ave.
MORRIS, ALICE VIRGINIA	Chicago, Ill., and 3406 Burnet Ave.
NASH, GRACE	830 Lincoln Ave.
ORTNER, LILLIE BELLE	306 Sycamore St.
OTTERMAN, DOROTHY	252 Helen St.
PEASE, ELEANOR BOYD	841 Ridgeway Ave.
PEASLEE, MARIE MARCELLA [TC]	1701 Sycamore St.
PICHEL, CHARLES HODGES	3107 Harvey Ave.
RHODES, SILAS SAMUEL [TC]	836 Clinton St.
ROGERS, GEORGE WILLIAM	Petersburg, Ky., and 2382 Wheeler St.
ROGERS, LAURA FRANCES	408 Garrard St., Covington, Ky.
ROMAINE, WILLIAM WORTHINGTON	924 Windsor St.
SANDERS, HARRIETTE ELIZABETH [TC]	3555 St. Charles Pl.
SCHULZE, ELSE LOUISE	4008 Floral Ave., Norwood, O.
SCOTT, WYLMER LEON	Milford, O., and 140 W. University Ave.
SETTLE, EDWIN THEODORE	1923 Scott St., Covington, Ky.
SHRADER, FRANCES ELIZABETH	1845 Josephine St.
SHRADER, KAROLYN ANN	1845 Josephine St.
SISSON, MARGARET [TC]	2551 Homestead Pl.
SMITH, ANGY ARDATH	4833 Hamilton Ave.
SNYDER, MILDRED FRANCES [TC]	6165 Ridge Ave.
STACY, MARY LOUISE	Briar Cliffe, Ft. Thomas, Ky.
STEIN, JUDITH IRENE	746 S. Crescent Ave.
STEIN, SIMON SHEA [ELA]	521 Ridgeway Ave.
STEINMAN, JULIA MARIE [TC]	3323 Epworth Ave.
STIEBEL, LOUISE THEODORA	787 Greenwood Ave.
STRUBLE, ELLEN JESSUP	3639 Ault Park Rd.
SUNDERMAN, LEONA L. [ELA]	210 Lyon St.
TAXEY, JOSEPH [ELA]	2363 Stratford Ave.
TIETIG, CHESTER	2402 Ohio Ave.
URICH, MORRIS	2346 Ohio Ave.
VAN WINKLE, EVA CORRINN [TC]	2231 Reading Rd.
VORDENBERG, MARTHA LOUISE	6208 Erie Ave.
WACHS, WILLIAM CARL [ELA]	235 Hosea Ave.
WEAVER, CHOW IZILLSH	Forest and Alaska Aves.
WEBER, ROBERT KARL	2826 Observatory Ave.
WEIDIG, GRACE LEONORE	3754 Beekman St.
WHITACRE, HELEN ALENE [TC]	3752 Kenilworth Pl.
WILSON, MARJORY	Hillsboro, O., and McMillan and Rohs Sts.
WILSON, NANCY JOSEPHINE	344 Howell Ave.
WINANS, LAURENCE C.	2527 Ashland Ave.
WOLFSON, ERWIN SERVICE	674 S. Crescent Ave.
WRIGHT, KATHRYN ELIZABETH [TC]	811 Lincoln Ave.

Sophomores

ADKINS, MARCIA LEE	12 The Virginia Apts.
ALBIEZ, JEANETTE LOUISE	6503 Glenn Ave.
ALLISON, HELEN MARJORIE	1780 Taft Rd.

ANDERSON, DWIGHT WILSON	2224 Williams Ave., Norwood, O.
ASHBROOK, ROBERT	2 Hedgerow Lane
ATKINS, DOROTHY PEARCE	3430 Burch Ave.
BACHMAN, NATHAN DULANEY	2326 East Hill Ave.
BAHMAN, EMMALEAH	1718 Larch Ave.
BAHMAN, LAURABELLE	1718 Larch Ave.
BALLARD, MARY PEYTON	520 Montgomery St., Covington, Ky.
BARBER, H. LYNNE	3153 Linwood Rd.
BARNETT, DOROTHY FRENCH	4249 Langland Ave.
BEARD, ROXINE LAVINIA	2946 Montclair Ave.
BECK, DOROTHY McCALL	1209 Laidlaw Ave.
BECKER, DOROTHY ANNA	3148 Daytona Ave.
BEDDOE, DONALD THEOPHILUS	2540 Highland Ave.
BEIRNE, TRESSA	2635 Melrose Ave.
BERTERMANN, HELEN ANNE	1339 Cryer Ave.
BERNEWITZ, EMMA ANNA	330 Crestline Ave.
BILTZ, ROBERT LINCOLN	3 Park Pl.
BILTZ, STUART GOSLIN	3 Park Pl.
BLAIR, JACOB JACKSON	Middletown, O., and 140 W. University Ave.
BLOCK, EDNA CHRISTINE	8358 Wiswell Ave.
BOGGESE, WARREN	Springfield, O., and Findlay and Baymiller Sts.
BOWDLE, VIRGINIA LEE	900 Lafayette Ave.
BRADTMUELLER, HOWARD WILLIAM	3855 Zinsle Ave.
BRICKEL, FRANCES E.	4832 Paddock Rd.
BRILMAYER, ROBERT CHAMBERS	Milford, O., and 811 Freeman Ave.
BRINK, EVELYN MATILDA	2862 Victoria Ave.
BROCKMAN, GERTRUDE DOLORES	514 Riddle Rd.
BROKER, HENRY WALTER	2622 Hackberry St.
BROMBERG, WALTER	Brooklyn, N. Y., and 905 Blair Ave.
BRYANT, BENJAMIN LEWIS	3330 Jefferson Ave.
CAMERON, JESSIE LOUISE	Drake Ave., Indian Hill, O.
COLSON, DOROTHY ELOYSE [ELA]	3 W. St. Clair St.
COLYER, ELSIE GLADYS	1490 State Ave.
COOK, CATHERINE EARLE	Sandy Spring, Md., and 119 Mason St.
COX, RUTH LOUISE	2221 Scott St., Covington, Ky.
CROLLEY, BENJAMIN FRANKLIN	1318 Race St.
CURREY, RUTH CLIFFORD	3644 Michigan Ave.
DAMUS, ERIC [ELA]	216 Dorchester Ave.
DAWSON, CHARLOTTE	3532 Wabash Ave.
DE ARMOND, DOROTHY	4778 Eastern Ave.
DEBECK, DOROTHY LINN	1850 Kinney Ave.
DECAMP, JOHN PHILIP	169 Kinsey Ave.
DECKER, MAX GRAY	Tarpon Springs, Fla., and 2356 Clifton Ave.
DELL, ETHEL STELLA	3762 Andrew Ave.
DEUBEL, HARRY FRANCIS	425 S. Thirteenth St., Hamilton, O.
DILLARD, CHARLES ELMER	750 W. Fifth St.
DONNELLY, IRENE CECILIA	3339 Elland Circle
DORFMAN, BERNARD MORTIMER [ELA]	Cleveland, O., and 1213 Locust St.
DOURSON, MARY CATHERINE	2700 Alice St.
DRACH, BURTON LOUIS	2200 Auburn Ave.
DRAPER, ISABELLE	3740 Clifton Ave.
DRESBACH, HOWARD THOMAS	255 Hosea Ave.
DYER, FRANCES M.	3437 Burch Ave.
EATON, MARY EVELYN	Proctorville, O., and 2326 Auburn Ave.
EHRSBERGER, PAULINE	79 Highland Ave., Ft. Thomas, Ky.
ELLIS, SELMA FREDA	6121 Woodmont Ave.
ELSTON, GENEVIEVE JANICE	3537 Burch Ave.

ELY, FORREST EDWIN [ELA].....	Batavia, O., and 3442 Brookline Ave.
ELY, SUE.....	1508 Dixmont Ave.
ENGLANDER, MILTON.....	550 Hale Ave.
EVANS, BENJAMIN DAVISON.....	6451 Grandvista Ave.
FABING, ESTHER CATHERINE.....	324 Hearne Ave.
FAGALY, WILLIAM J.....	240 Short St., Lawrenceburg, Ind.
FENNEKOHL, MILDRED MAY.....	3649 Paxton Rd.
FERGER, DOROTHY MAY.....	Atlanta, Ga., and 130 Parkway Ave.
FINE, JENNIE.....	512 Clinton St.
FISHER, KATHERINE BETTY.....	2595 Observatory Rd.
FLYNN, JOSEPH JAMES.....	1079 Grand Ave.
FOSTER, LILLIAN WATTS.....	620 E. Sixth St.
FRANCIS, ABRAHAM.....	Rochester, N. Y., and 251 Ehrman Ave.
FREEMAN, LOUIS G.....	3020 Observatory Rd.
FRIEDMAN, ROSE.....	3592 Wilson Ave.
FRY, CLARINE.....	3030 Observatory Rd.
GABRIEL, LEWIS MILLER.....	Piqua, O., and 150 W. McMillan St.
GAINES, HELEN MAY.....	4531 Smith Rd., Norwood, O.
GALE, ROSE.....	265 Senator Pl.
GAMMON, FRANK ELSWORTH.....	Columbus, O., and 2630 University Ct.
GANO, DOROTHEA McLAIN.....	258 Ludlow Ave.
GANO, ELINOR McLAIN.....	258 Ludlow Ave.
GANTZ, ROSALIND NATHALIE.....	1711 Madison Rd.
GARRETSON, JEAN CHANNING.....	3433 Berry Ave.
GEOHEGAN, MARIAN McDUFFIE.....	820 Mt. Hope Rd.
GIBSON, ROBERT HOWARD.....	971 Lenox Pl.
GOETZ, JOHN PAUL.....	New Albany, Ind., and 2831 Scioto St.
GRAHAM, PAUL JUDSON.....	821 Mt. Hope Rd.
GREENWALD, MILTON.....	Louisville, Ky., and 3590 Eden Ave.
GREGG, FOSS HUNTER.....	3442 Brookline Ave.
GROSS, GORDEL GRODSKY.....	824 Windham Ave.
GRUTE, RUTH KINNEAR.....	1111 E. McMillan St.
HALL, ALFRED JEROME.....	2713 Alms Pl.
HALL, CLAIR SHIVELY.....	835 Blair Ave.
HAUCK, ELSIE LOUISE.....	935 Dayton St.
HAYWARD, MARION.....	2355 Auburn Ave.
HEBBLE, HOWARD.....	1319 Duncan Ave.
HEINOLD, WILLIAM FREDERICK.....	2471 McBrayer Ave.
HEIZER, JOHN ZEBULON.....	2016 Hudson Ave., Norwood, O.
HENDERSON, JANE ELIZABETH.....	108 Mason St.
HERMANIES, MRS. LUCIA ECKSTEIN [ELA].....	3412 Bishop St.
HOBBS, VIRGINIA ADELAIDE.....	2207 Cameron Ave., Norwood, O.
HOLLE, MURIEL DOROTHY.....	Mt. Healthy, O.
HOLLIDAY, MARTHA REBECCA.....	3726 Dirr St.
HOLLMAN, DOROTHY MCKINLEY.....	114 W. Seventieth St.
HOLMAN, ELIZABETH LLOYD.....	9 The Cumberland Apts.
HOUSTON, JAMES LeROY.....	Sharonville, O.
HOY, CARSON.....	Mt. Healthy, O.
IRWIN, LESLIE GASKILL.....	6405 Roe St.
JACOBS, ESTELLE RUTH.....	636 Blair Ave.
JEMISON, MARY RUTH.....	2326 Auburn Ave.
JONES, MABEL RUTH.....	4314 Floral Ave., Norwood, O.
KAHN, LAWRENCE EARL BROH.....	805 Hutchins Ave.
KECK, VIRGINIA ADELE.....	891 Lexington Ave.
KEMP, MIRIAM RUTH.....	5166 Broermann Ave., St. Bernard, O.
KLOAK, GLADYS JEANETTE.....	3946 Pattison Ave.
KOCH, CARL ALLINGER.....	3011 Bathgate St.

KOCH, HELEN DOROTHY.....	3011 Bathgate St.
KOCH, EDWIN FERDINAND.....	2326 Auburn Ave.
KOCHMAN, FANNY.....	Cleveland, O., and 3602 Hillside Ave.
KUNTZ, MABEL CAROLINE.....	1141 Herschell Ave.
KUNTZ, VERA EMMA.....	1141 Herschell Ave.
KUNZ, MARY ELIZABETH.....	3423 Knott Ave.
LAILE, ELSIE LAURA CHARLOTTE.....	210 W. McMillan St.
LAY, PAUL ADKINS.....	3810 Millsbrae Ave.
LEBLOND, ELEANOR.....	1260 Michigan Ave.
LETENDRE, ODEVINA CECELIA.....	672 Rockdale Ave.
LEWIS, KARL EWART.....	1222 Inglenook Pl.
LINNEMAN, JOSEPH HENRY.....	1333 Greenup St., Covington, Ky.
LOHRER, FLORENCE LOUISE.....	118 E. McMillan St.
LOOFBOUROW, JOHN R.....	2 Norwood National Bank Bldg., Norwood, O.
LYTLE, HAROLD BREDWELL.....	2064 Eastern Ave.
MCBREEN, VIRGINIA HELEN.....	3315 Jefferson Ave.
MCCARTHY, ELIZABETH CATHERINE.....	2922 Cleinview Ave.
MCCLURE, JOHN WILSON.....	54 Ft. Thomas Ave., Ft. Thomas, Ky.
MCCULLOUGH, HELEN.....	2712 Cypress Ave.
MCDERMOTT, MARY FLANIGAN.....	3986 Beechwood Ave.
MCGOWAN, ELIZABETH KEMPER.....	2345 Upland Pl.
McKINNEY, ANNE CAROLYN.....	218 Woolper Ave.
MARSH, ELLWOOD ALFRED.....	28 E. McMillan St.
MANSS, HELENE BUNTEN.....	2724 W. McMicken Ave.
MARINARO, ALFRED.....	Newark, N. J., and 2252 Wheeler St.
MAROHN, OLGA JEANETTE.....	515 Milton St.
MARTIN, KENT EDWIN.....	3353 Cheviot Ave.
MARTIN, LOYAL STEWART.....	3353 Cheviot Ave.
MARTIN, ROSEMARY.....	2924 Gilbert Ave.
MAVEETY, HERMAN MATTHEW.....	808 Cleveland Ave.
MAYER, DOROTHY.....	641 Crown St.
MAYER, VIRGINIA.....	641 Crown St.
MILLER, DOROTHEA.....	Greensburg, Ind., and 1802 Josephine St.
MILLS, STANLEY STERLING.....	The Grand Hotel
MORGENSTERN, SAM.....	520 Hickman Ave.
MORRIS, LILLIAN ELIZABETH.....	2910 Montana Ave.
MULLIKEN, NELLIE SPRAGUE.....	3001 Observatory Rd.
NATHAN, MILDRED.....	338 Albany Ave.
NEUMARK, MARTHA.....	236 Rockdale Ave.
NIESEN, LEONARD MARION.....	523 E. Liberty St.
NORRIS, FLORENCE EDITH.....	2915 Eggers Pl.
O'NEIL, NORINE.....	2310 Rohs St.
PADDACK, ALMA.....	626 Hawthorne Ave.
PALMER, GEORGE MICHAEL.....	Montgomery City, Mo., and 2437 Clifton Ave.
PARDICK, CLARISSA MAE.....	426 Straight St.
PARKER, JULIA GRACE.....	300 E. Mitchell Ave.
PERIN, REUBEN LYMAN.....	765 Ridgeway Ave.
PHILLIPS, ELEANOR RUTH.....	643 Lexington Ave., Newport, Ky.
PHILLIPS, SAMUEL TOUFF.....	850 Blair Ave.
PICHEL, KATHRYN DRUCKER.....	360 Northern Ave.
PORTER, KATHERINE COOK.....	6918 Longview Ave.
POSNER, CHARLES.....	1354 Burdette Ave.
POTTSCHMIDT, CARL WILLIAM.....	3472 Cheviot Ave.
PRICE, JOHN EVAN.....	3763 Andrews Ave.
PRICE, LEILA MARIE.....	5923 Woodmont Ave.
PURCELL, ALTON EARL.....	1808 Walker St.
RAUCH, KATHERINE ANTONETTE.....	3636 Michigan Ave.

REGNER, SIDNEY LAWRENCE.....	Rochester, N. Y., and 557 Blair Ave.
RICHARDS, LUCILLE CLAIRE.....	330 Sixth Ave., Dayton, Ky.
RIGG, JANET WAYNE.....	852 Lincoln Ave.
RIPPEY, ANNE WALLINGFORD.....	4470 Eastern Ave.
ROSE, JOHN KREIMER.....	2711 Observatory Ave.
ROSENBAUM, LEONA MILLER.....	833 Mitchell Ave.
ROSENTHAL, AMY TERESE [N&H].....	990 Dana Ave.
ROTH, FLORENCE JEAN.....	2719 Hampshire Ave.
ROTH, HERSCHELL CHARLES.....	607 E. Fourth St., Newport, Ky.
ROUDEBUSH, RUTH.....	33 Ridge Ave., Ft. Mitchell, Ky.
RYEBURN, VERA RUTH.....	271 Gilman Ave.
SADLIER, JOHN FRANCIS.....	3158 Jefferson Ave.
SCARBOROUGH, CELIA JANE.....	4846 Paddack Rd.
SCHAWWE, ARIA PARKE.....	3454 Whitfield Ave.
SCHEPER, MARGARET AGNES.....	2405 W. McMicken Ave.
SCHIEL, HELEN JANE.....	3615 Middleton Ave.
SCHMID, CORA ELIZABETH.....	474 Considine Ave.
SCHMID, MILDRED DOROTHEA.....	725 Wyoming Ave., Lockland, O.
SCHNEIDER, KATHRYN LOUISE.....	Foley Rd.
SCHUCHERT, ALICE ROSE.....	3937 Regent Ave., Norwood, O.
SCHWARTZ, ALBERTA.....	518 Evanswood Pl.
SCHWENKMEYER, ANNA FRIEDA.....	1674 Pullan Ave.
SCOTT, MARGUERITE LOUISE.....	Briarcliffe, Ft. Thomas, Ky.
SEIBEL, MARY.....	1318 Carolina Ave.
SEILKOP, EILEEN.....	2932 Minot Ave.
SEMPLE, HARRY DEVENS.....	3631 Beechmont Ave.
SHAFFER, STANLEY IRVING [ELA].....	524 Hickman Ave.
SHARON, JACK HARVEY.....	625 W. Sixth St.
SHOEMAKER, HELEN ELIZABETH.....	3437 Mooney Ave.
SIEHL, ELMER FREDERICK.....	1633 Otte Ave.
SKIDMORE, EDITH.....	Harlan, Ky., and 1222 Inglenook Pl.
SPALDING, FLORENCE MICHIE.....	3166 Aylesboro Ave.
SPILMAN, EULALIE FEE.....	3612 Vine St.
STILWELL, HELEN REMINGTON.....	846 E. Ridgeway Ave.
STRUBLE, MARJORIE.....	3639 Ault Park Rd.
STUDER, ELDON WEAVER.....	3761 Isabella Ave.
TEEGARDEN, BONNARD.....	48 Rossford Ave., Ft. Thomas, Ky.
TOBIN, LUCRETIA MARGARET.....	5819 Kinoll Ave.
TODD, FRANCIS WEST.....	533 Hale Ave.
TODD, WILLIAM ROBERT.....	533 Hale Ave.
TULL, JAMES THERON.....	1230 Hopple St.
TURNER, KATHRYN LEAH.....	485 Riddle Rd.
TURNER, MARY FUQUA.....	1049 Purcell Ave.
ULLER, BRUNHILDE.....	3917 Sachem Ave.
WALKER, ADELAIDE.....	3240 Beresford Ave.
WATERS, MILDRED MARION.....	4119 Thirty-first St.
WELLS, ELIZABETH EWING.....	238 Donahue St.
WENDEL, CARL HENRY [ELA].....	18 E. McMillan St.
WHARTON, DOROTHEA CECILIA.....	Rugby, England, and 3826 Spencer Ave., Norwood, O.
WILLIAMS, RUTH ELIZABETH.....	3934 S. Jefferson Ave., Norwood, O.
WINSTON, HAZEL.....	R. F. D. No. 3, Latonia, Ky.
WISE, JOSEPH LUDWIG.....	3128 Fairfield Ave.
WOODSIDE, MATTHEW NEVIN [ELA].....	424 Elizabeth St.
WOSCEK, MARY LOUISE.....	3312 Elland Ave.
WRIGHT, GENEVA ALDERETTA.....	3160 Mozart Ave.
YALEN, ELEANORA.....	2253 Spring Grove Ave.
YOUNG, WILLIAM ROWLETT.....	2543 Ingleside Pl.

Freshmen

ADLER, SHERMAN HENRY [ELA].....	3637 Alaska Ave.
ABAECHERLI, CARL EDWARD.....	1227 Carolina Ave.
ABRAMS, MAX.....	825 Blair Ave.
ALBERT, SELMA NATALIE.....	309 Rockdale Ave.
ALCORN, MARGARET MARY.....	21 Worthington Ave., Wyoming, O.
ALLEN, DAVID HANNA.....	933 Mt. Hope Rd.
ALLEN, ANNE ELIZABETH.....	933 Mt. Hope Rd.
ANESHANSEL, CARL WILLIAM.....	2344 Victor St.
ASBURY, MARGARET HELEN.....	922 Nassau St.
ATKINS, CORNELIA CURRY.....	3420 Burch Ave.
BADER, FERDINAND CHRISTIAN.....	1256 Bates Ave.
BAECHLE, ELDA MAE.....	3831 Trevor Ave.
BAKER, CRAWFORD JAMES.....	3058 Kerper Ave.
BAILEY, LURA FRANCES.....	4817 Beech St., Norwood, O.
BALDRIDGE, EMERSON LEWIS.....	2701 Jefferson Ave.
BALDWIN, BLISS WILLIAM.....	Central Y. M. C. A.
BALL, WYATT GALATIN.....	814 Linwood Ave., Dayton, O.
BARNETT, HORTENSE JEANNETTE.....	351 Albany Ave.
BARRERE, CATHERINE COLLINS.....	449 Riddle Rd.
BASS, MARY ETHEL.....	Milford, O., and 2219 McGregor Pl.
BAUER, MARGARET ELIZABETH.....	3453 Whitfield Ave.
BAUMES, OGDEN HAYWARD.....	Wyatt Ave.
BEARD, JAMES EWING.....	Portsmouth, O., and 2559 Fairview Ave.
BECKER, DONALD CAYWOOD.....	2104 Beechmont Ave.
BECKER, HELEN RUTH.....	4648 Hamilton Ave.
BENEDICT, LAURA LEE.....	774 E. Ridgeway Ave.
BENTON, WILL COOKE.....	The Conservatory of Music
BERMAN, NELLIE.....	849 Windham Ave.
BESUDEN, HELEN DOROTHY.....	3435 Cornell Pl.
BETTINGER, WILLARD.....	951 Philadelphia St., Covington, Ky.
BLACK, HERBERT.....	3368 Morrison Ave.
BLUESTEIN, LA VERNE.....	762 E. Mitchell Ave.
BLUME, LUCIA.....	2362 Auburn Ave.
BOGEN, ROBERT FREDERICK.....	258 Earnshaw Ave.
BOWMAN, WINIFRED FANNY.....	107 Woodside Pl., Ft. Thomas, Ky.
BOYET, HOUSTON.....	22 N. Marzella Apts, Covington, Ky.
BRADY, MARNA VENABLE.....	322 Tusculum Ave.
BRISTOL, MORRIS.....	1908 Hewitt Ave.
BROWN, ARTIE FRANCES.....	217 Klotter Ave.
BROWN, DOROTHY.....	2701 Cleinview Ave.
BUCK, MARY LOUISE.....	3458 Whitfield Ave.
BURBANK, MARTHA.....	3017 Verdin Ave.
BURROWS, MABEL GENEVIEVE.....	238 E. Second St., Covington, Ky.
BUSCHLE, ALFRED ALOIS.....	2706 Ravine St.
BUSCHLE, VICTOR CYRIL.....	2706 Ravine St.
CABLE, LEOTA MARIAN.....	132 W. 72nd St.
CARPENTER, MARGARET.....	18 Arcadia Pl.
CARR, ELEANOR MARGARET.....	2826 Erie Ave.
CARTWELL, WILLIAM HOLTON.....	Maysville, Ky.
CHAPMAN, GERALDINE THEAL.....	Blue Ash, O.
CHENEY, RAYMOND OTTO.....	Canton, O., and 140 W. University Ave.
CLARK, ALICE ERNESTINE.....	12 Altamont Rd., W. Covington, Ky.
CLARK, CHARLES EUGENE.....	12 Altamont Rd., W. Covington, Ky.
CLARK, EARL NORWOOD.....	Middletown, O., and 312 Clark St.
CLIPPINGER, CARL ARMSTRONG.....	4412 Erie Ave.

COLE, RICHARD STILLWELL.....	Chicago, Ill., and 409 Broadway
COMBS, LEON GORDON.....	6822 East Fork Ave.
CONRAD, CLARISSA.....	2737 Arbor Ave.
COOK, ELMER EDWARD.....	569 Purcell Ave.
COOK, HENRY DREMAN.....	4229 Brookside Ave.
COOPER, BURROUGHS.....	2229 Spring Grove Ave.
CRAMER, MARIE DOROTHEA.....	2936 Kling Ave.
CRARY, JAMES MURRAY.....	314 Grove Ave., Wyoming, O.
CRAVEN, RUTH EDITH.....	3541 Zumstein Ave.
CRAWFORD, MARGARET HASKINS.....	3544 Wabash Ave.
CRONIN, JOHN FRANCIS.....	1804 Sutton Ave.
CUPP, LUTHER EMERSON.....	Lewisburg, O., and 2352 Wheeler St.
CURL, SAMUEL LEE.....	5335 Weltner Ave.
DALE, VIRGINIA LA VERGNE.....	2256 Park Ave.
DANIELS, OSCAR EUGENE.....	1346 Lincoln Ave.
DAUBENBIS, FREDERICK.....	2638 Dennis St.
DAVIDSON, JAMES ROBERT.....	2603 Cypress Ave., Norwood, O.
DAVIS, DAVID C.....	Greenville, Miss., and 880 Cleveland, Ave.
DAVIS, NATHAN J.....	Forest and Washington Aves.
DAVIS, ROLAND ALFRED.....	347 Sims Ave., Wyoming, O.
DEARNESS, JEAN ELIZABETH.....	3492 Cheviot Ave.
DENTON, OWENS LAFAYETTE.....	2127 Cameron Ave., Norwood, O.
DENTON, PAUL D.....	2127 Cameron Ave., Norwood, O.
DEVaux, JOHN WALTER.....	610 Delta Ave.
DIEHL, MARJORIE GRACE.....	2709 Glendora Ave.
DINE, REITZA.....	1355 Myrtle Ave.
DINNIE, GEORGE MARTIN.....	2010 Colerain Ave.
DULEY, MARIAN F.....	4141 Floral Ave., Norwood, O.
EDMONSTON, DOROTHY.....	460 Crestline Ave.
EHRENREICH, LOUIS SIGMUND [ELA].....	537 Hickman St.
EHRLICH, ROSETTA.....	3002 Burnet Ave.
EISELE, ANTON JOSEPH.....	Milford, O., and 1533 Chapel St.
EISENDRATH, MAURICE M.....	1213 Locust St.
ELSWICK, THEODORE ROOSEVELT.....	252 Oakmont Ave.
EMIG, JESSAMINE.....	6037 Cary Ave.
ENDEBRODS, ELIZABETH.....	3572 Epworth Ave.
EUBANK, INEZ LOVE.....	3655 Middleton Ave.
EVANS, BENJAMIN.....	411 Hickory St.
EVERHARD, JOSEPH ELLSWORTH.....	3334 Columbia Ave.
EVERS, RUTH VIRGINIA.....	Delhi Pike, Price Hill Sta., O.
FAGALY, LOUISE STUART.....	2519 Stratford Ave.
FALLON, HARRY PAUL.....	925 Chateau Ave.
FAST, HERBERT.....	1608 Ruth Ave.
FEINBERG, DAVID LEONARD.....	Bellaire, O., and 211 Forest Ave.
FENTON, ANNA LOUISE.....	3994 Rose Hill Ave.
FEY, RUSSELL.....	1902 Freeman Ave.
FINDLATER, CLARA ELIZABETH.....	14 The Navarre Apts.
FINKELSTEIN, LIONEL.....	Goldsboro, N. C., and 310 Melish Ave.
FISHER, MARY FRANCES.....	724 Oak St.
FITZGERALD, MARGARET ELLEN.....	2206 Park Ave.
FLANAGAN, FANNYE JEAN.....	4222 Glenway Ave.
FLANNERY, JOHN JOSEPH.....	1712 Madison Rd.
FOOTE, MARY ELLIS.....	5727 Lantana Ave.
FOREMAN, ROBERT TRAWICK.....	1515 Madison Ave., Covington, Ky.
FORESTER, MILDRED LOUISE.....	1881 Kinney Ave.
FORTE, VERA HENRIETTA.....	704 W. Eighth St.
FRANKMANN, RAYMOND WINTER.....	The General Hospital

FRANZ, ELMER.....	4309 Eastern Ave.
FRAZER, JOHN LEONARD.....	3914 Gilbert Ave.
FREESE, RALPH.....	501 E. Third St.
GANIM, MITCHELL NICHOLAS.....	1308 Broadway
GANO, HOMER GORDON.....	2633 Bellevue Ave.
GIFFORD, CLARK MCGEE.....	2558 Woodburn Ave.
GLASER, MARGARET CARRIE.....	5301 Whetsel Ave.
GLAZER, AUBREY.....	Kansas City, Mo., and 328 Dixmyth Ave.
GLUECK, SAMUEL.....	859 Hutchins Ave.
GOEBEL, HERMAN P.....	2223 Bedford Terrace
GOELZ, GEORGE CHRISTIAN.....	120 E. McMicken Ave.
GOLDBERG, HARRISON.....	136 Landon Ct.
GOODMAN, MARIE ANN.....	840 Blair Ave.
GORDON, DAVID JULIUS.....	743 Mt. Hope Rd.
GORMAN, HELEN MARIE.....	906 Elberon Ave.
GRANT, CHARLES KIEL.....	2337 Wheeler St.
GREGG, GRACE MARIE.....	4914 Power Ave., St. Bernard, O.
GREGG, JESSIE WADE.....	565 Terrace Ave.
GREVE, THEODORE.....	530 Maxwell Ave.
GROMME, IRENE LOUISE.....	1832 Brewster Ave.
GROSS, BERTHAL GRODSKY [ELA].....	824 Windham Ave.
HACKEN, HARRY.....	857 Blair Ave.
HALLER, GRACE.....	620 Maple Ave., Newport, Ky.
HAMMER, EMMA LOUISE.....	1433 Chase Ave.
HARPER, CHRISTINE.....	6435 Montgomery Rd.
HARRIS, MELBOURNE.....	3565 Rosedale Pl.
HARROP, MONA.....	Madisonville, O.
HARTKOFF, KATHRYN THERESA.....	216 W. Court St., Hamilton, O.
HAVEN, FRANCES BELLE.....	1687 Cedar Ave.
HAYES, ANNA GRACE.....	7211 Fair Park Ave.
HECKLE, MARGARET LOUISE.....	3444 Observatory Rd.
HENDERSON, WILLIAM HOLLAND.....	Portsmouth, O., and 2259 Fairview Ave.
HENN, CARL GEORGE.....	2230 Kemper Lane
HENRY, EDRIS JOSEPHINE.....	1530 Lincoln Ave.
HERRLINGER, HOWARD JOHN.....	3615 Shaw Ave.
HERSCHEDE, LILIAN KATHERINE.....	545 Evanswood Pl.
HEYN, RUTH MARIAN.....	556 Stewart Pl.
HIBSHMAN, EUGENE EMANUEL.....	Cleveland, O., and 3562 Lee Pl.
HILL, ALFRED R.....	1846 Auburn Ave.
HOLLIDAY, LENORE.....	6460 Lower River Rd.
HOLMER, OSCAR P.....	3201 Beresford Ave.
HOSBROOK, CLEO JEANETTE.....	Madeira, O.
HUBBELL, ALICE.....	5722 Chandler St.
HYMAN, MORRIS.....	101 Mt. Pleasant Ave., Ft. Thomas, Ky.
HYMANS, EDGAR MORRIS.....	838 Cleveland Ave.
IGLER, ANNA LOUISE.....	Glendale, O.
INSKEEP, MARGARET.....	1023 Scott St., Covington, Ky.
JACKSON, CAROLA VIRGINIA.....	2840 May St.
JACOBS, JEANNETTE HELEN.....	5 Landon Ct.
JACOBS, MYRON WILLIAM [ELA].....	2344 Clifton Ave.
JAMES, ANDREW ROGERS.....	2637 Park Ave.
JEFFERS, BEATRICE.....	17 Forest Ave.
JOERLING, ARTHUR.....	2331 Flora Ave.
JONES, MATHILDA.....	2817 Erie Ave.
JONES, THOMAS HAROLD.....	2825 Scioto St.
KASSEL, MILDRED BESSIE.....	3415 Larona Ave.
KEENEY, LYLE ELLSWORTH.....	703 Fairfield Ave., Bellevue, Ky.

KEATING, HUGH EDWARD.....	3576 Mooney Ave.
KELLY, JULIA JOHANNA.....	447 Bank St.
KENNEDY, MARJORIE JOSEPHINE.....	1316 Race St.
KENT, DOROTHY CATHERINE.....	9 The Glenwood
KEPHART, VINCENT W.....	2023 Ryan Ave.
KHUON, ROBERT.....	819 Dayton St.
KIEWIT, JOHN FREDERICK.....	2515 Knorr Ave.
KIRSCHNER, CHARLES FRANK.....	3548 St. Charles Pl.
KLINE, PERCY KLAYER.....	3588 Mooney Ave.
KOODISH, GERTRUDE FLORENCE.....	845 Windham Ave.
KROEN, EDWARD JEAN.....	Rochester, Pa., and 2630 University Court
KRONENBERGER, LOUIS.....	16 Haddon Hall
KUEN, RUTH MARIE.....	3020 Temple Ave.
LAMMERS, VIRGINIA AURELIA.....	2821 Eden Ave.
LAMBERT, MILDRED LEE [N & H].....	3024 Fairfield Ave.
LAMPE, VIRGINIA ELIZABETH.....	809 Overton St., Newport, Ky.
LANDT, HARRY EDWARD.....	2460 W. McMicken Ave.
LANTIS, MARY MAGDALINE.....	1012 Seton Ave.
LAPHAM, HELEN.....	2 Peasenhall Lane
LEA, EDWARD ELLIOTT.....	2207 Auburn Ave.
LEIGHTY, ELIZABETH ROWE.....	3438 Price Ave.
LEPLEY, MILDRED MAE.....	Ripley, O., and 2638 Bellevue Ave.
LEROY, NORMAN LEE.....	4114 Twenty-eighth St.
LEWIS, LENORE GIRDNER.....	1222 Inglenook Pl.
LEYMAN, CATHERINE ELIZABETH.....	1643 Marlowe Ave.
LICHT, RUDOLF.....	719 N. Crescent Ave.
LIERMAN, MARY STEWART.....	126 Washington Ave., Lockland, O.
LIPPERT, WILLIAM HENRY.....	4254 Williamson Pl.
LITWIN, MORRIS JOSEPH.....	930 Fairbanks Ave.
LOEB, JEAN SUZANNE.....	816 Hutchins Ave.
LOEPPERT, THEODORE ARTHUR.....	1813 Fairfax Ave.
LUECKE, HERSCHEL THEODOR.....	7 Park Row
LYLE, DARRELL WHALLON.....	1014 Chapel St.
LYLE, HERBERT PHILLIPS.....	203 Woolper Ave.
MCDEVITT, MARGARET MARY.....	2517 May St.
McEVILLEY, MARY.....	2525 Observatory Ave.
MCGILLIARD, ELEANOR ROSS.....	2326 Auburn Ave.
McINTOSH, ROBERT GARNET.....	2609 Roseland Ave.
McNAIR, GLADYS EMARILLIS.....	2207 Nelson Pl.
McNAIR, JOHN LAWRENCE.....	Bethel, O.
McNAMARA, MARIE VIRGINIA.....	740 Hawthorne Ave.
McNEILL, JOSEPHINE PEHRSON.....	5530 Covington Ave.
McNELLY, CATHERINE ELIZABETH.....	448 Considine Ave.
MAGRISH, ALICE [ELA].....	1638 Bruce Ave.
MALLIN, BEATRICE.....	891 Clinton Springs Ave.
MANDEL, LUCILLE.....	5 The Mazie Apts.
MANN, GILBERT.....	The Burton Apts., Covington, Ky.
MARKLE, GEORGE BURT.....	824 Hutchins Ave.
MARLAND, LA VERYNE.....	3425 Telford Ave.
MARTIN, HENRY GARRETT.....	R. R. No. 5, Glendale, O.
MARTIN, LOUIS HENRY.....	2517 Salem Ave.
MATHIS, ROBERT ERVIN.....	6310 Madison Rd.
MATTHEWS, FORAKER.....	1104 Cross Lane
MATZ, EDWARD.....	532 Prospect Pl.
MATZ, RAE.....	532 Prospect Pl.
MEHLHOPE, DOROTHY ISABEL.....	3703 Portland Ave.
MENARD, MARVIN CLARENCE.....	241 Emming St.

MEROZ, JOHN H.	232 Oak St.
MILLER, CORINNE ANNA	2345 Wheeler St.
MILLER, ESTHER ENID	4109 Grove Ave., Norwood, O.
MILLIGAN, RUTH ANDERSON	2250 Beechmont Ave.
MOORE, RUTH ELIZABETH	3100 Losantiville Ave.
MOORE, SUSANNA LOUISE	Kokomo, Ind., and The Conservatory of Music
MORGAN, GEORGE MORRIS	1101 Walnut St.
MOSS, LELAND CONNOR	3502 Beldare Ave.
MULLIKEN, RUTH	3001 Observatory Rd.
MURPHY, LILLIAN	529 Clark St.
MURR, FRANCES JULIA	341 Hearne Ave.
NASSER, MELHELM	2262 Norwood Ave., Norwood, O.
NATHAN, EMMA	3564 Bogart Ave.
NEELY, KATHRYN LENORE	3121 Borrmann Ave.
NELSON, DOROTHY HERRICK	4429 Ashland Ave., Norwood, O.
NEWMAN, FRANCES ELIZABETH	4321 Floral Ave., Norwood, O.
NIEHAUS, EFFIE ELIZABETH	3536 Wabash Ave.
OBERLY, FRANCIS CLARK	659 Nelson Pl., Newport, Ky.
ONKEN, DOROTHEA	521 Terrace Ave.
OWENS, TRACY CLIFTON	2340 Rohs St.
PAINTER, DOROTHEA FRANCES	681 Gholson Ave.
PAULL, GRACE ELLA	2748 W. Sixth St.
PEET, HARRIS JAMES	The Court House
PERKINS, MILDRED DOROTHY	849 Oak St.
PETERS, MARTHA SOPHIA	2466 Eastern Ave.
PIKER, PHILIP EDWARD	1100 Seton Ave.
PINNEY, MARCELLA	3624 Evanston Ave.
POOR, EDWARD KING	Glendale, O.
PURVES, AUDREY BALLANTYNE	3461 Brookline Ave.
QUACK, IRMGARD	411 Springfield Ave.
RAABE, ETHEL CECILIA	3313 Spokane Ave.
RALSTIN, ANNA A	1038 St. Gregory St.
REA, LOUELLA	58 The St. Leger Bldg.
REED, HERMANN HUGHES	3440 Brookline Ave.
REILEY, CLARENCE WILLIAM	Alexandria, Ky., and The Central Y. M. C. A.
RENNER, LOUIS FREDERICK	2453 Clybourn Pl.
RICHEY, LELIA NELL	3017 Marshall Ave.
RICHMAN, PAUL GEORGE	Tipton, Ind., and 3400 Woodburn Ave.
RIDDLE, WILLIAM	Lawrenceburg, Ind.
RIETMAN, ALMA CATHERINE	1080 Wilstach St.
RILEY, MARY ELIZABETH	2211 Cameron Ave.
ROBB, CHARLES RIGDON	2651 Melrose Ave.
RODENBURG, EMIL J	4910 Eastern Ave.
ROE, MARY ELIZABETH	3542 Burch Ave.
ROEPKEN, CARL LOUIS FEY	1837 Weyer Ave., Norwood, O.
ROHLFS, IRWIN WALTER	Dayton, O., and 947 Chateau Ave.
ROSE, ARTHUR	1240 Delta Ave.
ROSENBAUM, MILTON	252 Albany Ave.
ROSENBERG, DOROTHY M.	577 Hale Ave.
ROSENBERG, CLAIR RUTH	577 Hale Ave.
ROSS, DONALD KEISER	3434 Hershell Ave.
ROTH, ARTHUR	610 E. 4th St., Newport, Ky.
ROTH, MARJORIE ELINOR	Oak Park, Ill., and 2719 Hampshire Ave.
ROZIN, ARTHUR	3121 Burnet Ave.
RUNGE, CARL HERMAN	3216 Bishop St.
SAMPSON, CHARLES NIELD	242 Albion Pl.
SANDERS, WILLIAM HOESON	1521 Madison Ave., Covington, Ky.

SAUER, URBAN	1416 Sycamore St.
SAYRS, WILLIAM ALLEN	239 Helen St.
SCHAEFFER, CLAUDE	272 Avalon Ave.
SCHINSON, LOUIS M.	3117 Borman Ave.
SCHIFF, HELEN GRACE	816 Oliver St.
SCHMIT, RUTH ESTELLE	3538 Shaw Ave.
SCHOELWER, MARION GERTRUDE	3605 Edwards Rd.
SCHAEN, RUBY LUBA	643 Forest Ave.
SCHOENWANDT, EDITH CHRYSTINE [ELA]	3538 Belclare Ave.
SCHULZINGER, MORRIS	519 Prospect Pl.
SCHWARTZ, BENJAMIN SAMUEL	803 Windham Ave.
SELIG, SOPHIE	25 The Avon Apts.
SHEPARD, RUTH DUNHAM	573 Evanswood Pl.
SIDLE, ELIZABETH LEORA	1308 Locust St.
SIMLICK, HARRY JOSEPH	318 Hodge St., Newport, Ky.
SIMON, SYLVAN WILLIAM	21 The N. Warwick Apts.
SLADE, THELMA MONTEZ	710 Oak St., Ludlow, Ky.
SMITH, ADAMAE	8 Tuxedo Pl.
SMITH, GEORGETTE	728 Park Ave., Newport, Ky.
SMITH, ELIZABETH LUCILLE	2218 Highland Ave.
SMITH, MARION GLADYS	2252 Jefferson Ave., Norwood, O.
SNELL, SADIE I.	1054 Wesley Ave.
SNYDER, LAURENCE JENNINGS	The Good Samaritan Hospital
SPECTER, JOSEPHINE	Newport, Ky., and 3119 Borrmann Ave.
SPENCER, WOLCOTT HAYS	3443 Berry Ave.
STEEN, JANE HELEN	2180 East Hill Ave.
STEINGRUBE, CHARLES ROY	2819 Burnet Ave.
STERN, MITCHELL TUCKER	2612 Stanton Ave.
STEVENS, CHARLES ASHBEL	3627 Edwards Rd.
STEVENS, RUTH FRANCES	3136 Gaff Ave.
STEWART, LOIS RUTH	1347 Cryer Ave.
STEWART, PAULINE	571 Elberon Ave.
STORCH, RALPH CHARLES	725 W. McMillan St.
STRASHUN, OLGA	3441 Trimble Ave.
STROBACH, KENNETH	326 Straight St.
STRUBLE, KATHRYN FRANKE	3639 Ault Park Rd.
STUART, DOUGLAS McLEAN	2107 Auburn Ave.
STUMP, VERNON CARADINE	1810 Young St.
STURWOLD, CATHERINE ANTOINETTE	1009 Academy Ave.
STUTSON, MARY JANE	62 The S. Warwick Apts.
SYKES, GERALD RICHARDS	W. Martanna Apts., Covington, Ky.
TACKENBERG, ANTOINE HENRIETTA	505 Ludlow Ave.
TAYLOR, DAVID SIDNEY	1342 Lincoln Ave.
THOMAS, DOROTHY	64 Mt. Pleasant Ave., Ft. Thomas, Ky.
TISCHBEIN, LIDA MAE	737 State Ave.
TOBIN, VIRGIL	802 Maple Ave., Newport, Ky.
TOPMILLER, ARTHUR EDWARD [ELA]	2709 Jefferson Ave.
TRUAX, RALPH WALDO	567 E. Liberty St.
TUREST, DAVID [ELA]	Nashville, Tenn., and 218 Rockdale Ave.
TWOMEY, HELEN AGNES	236 Earnshaw Ave.
UEHLIN KATHERINE MARY	306 Pike St., Reading, O.
URNER, ELOISE LANIER	2244 Park Ave.
USTICK, LAURENCE MONTANAN	3646 Eastern Ave.
VALERIO, EMMA JEANNE	842 Hutchins Ave.
VATTER, WILLIAM JOSEPH	3454 Cornell Pl.
VEARIL, CASSIUS ALBERT	6616 Roe St.
WALKER, WILLIAM LE ROY	Washington, Ind., and 176 W. McMillan St.

VENABLE, GERTRUDE ELIZABETH	4 Peasenhall Lane
VIRTUE, CLARK WAKMAN	845 Oak St.
VOLLRATH, INEZ	3526 Vista Pl.
WAGNER, MILDRED VIRGINIA	1348 Burdette Ave.
WARE, MARY MCKINNEY	7275 Lower River Rd.
WEILER, THEODORE CHRISTLIEB	1604 Sycamore St.
WARREN, HAROLD ALFRED	3242 Boudinot Ave.
WENZEL, ELAINE PAULINE	2603 Roseland Ave.
WIGISSER, ABRAHAM S.	Jerusalem, Palestine, and 634 Court St.
WILCOX, LUCILE BEATRICE	397 Purcell Ave.
WILLIAMS, JACK GLENN	3770 Lueders Ave.
WOLF, RUTH	Hamilton, O., and 630 Forest Ave.
WORKUM, DELIA	4003 Beechwood Ave.
WORTMAN, RUTH HAZEL	1298 Grace Ave.
YOUNG, ELIZABETH HOPE	2612 Erie Ave.
ZELIGS, DOROTHY FREDA [ELA]	820 W. Court St.
ZIGMOND, MAURICE LOUIS	Denver, Col., and 36 Landon Ct.
ZWICKER, KATHERINE LOUISE	Indianapolis, Ind., and 510 York St.

IRREGULAR STUDENTS

BATSCHKE, GRACE	2157 Gilbert Ave.
BRITTON, ESTAL	16 Third St., Newport, Ky.
BUTTENWEISER, ELLEN	252 Loraine Ave.
COHN, GLADYS GREEN	2613 Moorman Ave.
CORNELL, JOSIAH HART [ELA]	212 W. Eighth St.
DOUGLAS, DOROTHY	3637 Stettinius Ave.
FEUER, LEON ISRAEL	Cleveland, O., and 3203 Beresford Ave.
GARFUNKLE, LOUISE AGNES	23 The North Roslyn Apts.
GROMME, EDWARD JUSTUS	1832 Brewster Ave.
HAYWARD, DOROTHY	878 Cleveland Ave.
HENRY, HARLEY ELMER	2166 Turner St.
JOHNSTON, MRS. MABLE BIRCH [ELA]	5691 Belmont Ave.
JONES, ARTHUR DAVID	1200 Hopple St.
KELLER, HEDWIG	1845 Clarion Ave.
LEIBERMAN MARJORIE	831 Lexington Ave.
MUNDY, MARTHA	Terrace Park, O.
NOBLE, NEWTON ALVIN	Buffalo, N. Y., and 832 Blair Ave.
OTWELL, ALMA MAE	Snyder, Okla., and 1700 Chase Ave.
PALMER, CHARLES H.	Montgomery City, Mo., and 2437 Clifton Ave.
PERKINS, MRS. KATHERINE S.	2 Crescent Pl.
POWELL, WILLIAM ROYCE	No. 3, The Beecher Apts.
REHM, WILHELMINE ANNA	2201 Burnet Ave.
ROBINSON, ALMA BERTIE	Macon, Ga., and 8409 Curzon Ave.
ROSENSWEIG, SYLVIA	3565 Rosedale Ave.
SANDERS, GOLDIE	827 Lexington Ave.
SCHAEFER, LOUISE	3467 Brookline Ave.
SCOBIE, RUTH ANN	205 Elm Ave., Wyoming, O.
SHEPPARD, ELIZABETH IOLA	344 Wood Ave.
SILBERSCHMIDT, ELSA	6 Lenox Pl.
STARTSMAN, ELIZABETH MARJORIE [N & H]	The General Hospital
STEFFENS, WILLIAM LOUIS	4023 S. Jefferson Ave., Norwood, O.
STOCKWELL, DONNA L. [N & H]	The General Hospital
STREIT, WILLIAM KARL	4714 Winona Terrace
WALKER, MABEL	Jamestown, O., and 2319 Flora Ave.
WALSH, MARY GRETCHEN	5440 Laura Lane, Norwood, O.
WILSON, WENDELL L.	4292 Ashland Ave., Norwood, O.

SPECIAL STUDENTS

AVERMAAT, LESTER AUGUST	3000 Henshaw Ave.
AYERS, ALICE DAVIDA	Mason, O.
BAKER, JOSEPHINE CATHERINE	3458 Hanlein Ave.
BAUER, JEAN LOUISE	707 Linden Ave., Newport, Ky.
BECK, GEORGE CHRISTIAN [ECC]	419 E. Mitchell Ave.
BECKER, CARL THEODORE	2950 Sidney Ave.
BELLET, MRS. M. S.	The Burnet House
BENNER, HILDEGARDE	2147 Dana Ave.
BERGER, MRS. ESTHER MERCIA	471 Purcell Ave.
BERRY, ANNA P.	733 W. Court St.
BIRCHARD, HELEN JOHNSTON	19 The Glenwood Apts.
BIRT, CHARLES JOSEPH	1208 Grace Ave.
BOGGESE, MILDRED CONSTANCE	The Conservatory of Music
BOURBONNAIS, MARIE M.	793 Mitchell Ave.
BROWN, JAMES PAUL	2810 Maryland Ave.
BUESCHER, FLORENCE M [ELA]	615 Maryland Ave.
BULLMAN, GALE	The Central Y. M. C. A.
CHRISTOPHER, MARY	Milford, O.
CLARK, ELIZABETH LAWLER	11 The Roanoke
CONLEY, MRS. LOLA ESTHER	21 Tower St.
CRIST, RAYMOND EVERETT	R. R. No. 3, Hamilton, O.
CULBERTSON, JAMES THOMAS	21st and Monmouth Sts., Newport, Ky.
DANIELS, OSCAR EUGENE	1346 Lincoln Ave.
DE CAMP, CORRINE	259 Kearney Ave.
DOLLE, ELEANOR BRIGEL	Colerain Pike
EMRIE, KATHERINE	2514 Ritchie Ave.
FALK, GUSTAVE FERDINAND	New Orleans, La., and 557 Blair Ave.
FEENEY, KATHRYN, MARGARET	2405 Auburn Ave.
FEINBERG, ABRAHAM	The Hamilton Apts.
FISHBURN, MRS. JOSEPHINE	3517 Cornell Pl.
FLEISCHER, ROSALIND	839 Lexington Ave.
FOERSTER, ELIZABETH ROBERT	3209 W. Eighth St.
FREERICKS, HELEN MARIE	2230 Francis Lane
FRIDMAN, RUTH	3587 Bogart Ave.
GALLAGHER, JOHANNA	1885 Madison Rd.
GALBREATH, KATHRINE	2500 Auburn Ave.
GEIS, IDA MARIE	2267 Jefferson Ave., Norwood, O.
GOLDSTEIN, ABRAHAM	2315 Sauer Ave.
GREENERT, GEORGE	South Rosedale, Covington, Ky.
GRUTE, MRS. EVARIL BROOKSHIRE	1116 E. McMillan St.
HAGIN, ROBERT HART	1554 Madison Ave., Covington, Ky.
HARRELL, WALTER JESSUP	Cleves, O.
HASTINGS, SHIRLEY	1717 Madison Rd.
HENRY, WILLIE [ELA]	410 Broadway
HEYN, EMILIE	3556 Bogart Ave.
HIGGINS, ROY E.	Piqua, O., and 2503 Auburn Ave.
HOBART, EVERETT WINSLOW	2820 Winslow Ave.
HOPKINS, ROBERT GRAY	77 W. McMillan St.
HUPP, CLAUDE WILKERSON	501 E. Third St.
HURWITZ, SAMUEL	Ft. Wayne, Ind., and 211 Forest Ave.
HUSEMAN, JULIA LOUISE	306 Piedmont St.
IGLAUER, CLARA SENIOR	4025 Rose Hill Ave.
KENNEDY, JOHN WILLIAM	6432 Grandvista Ave.
KERN, MILDRED	549 Evanswood Pl.
KUMLER, ALBERTA	2448 Observatory Rd.

LAKAMP, CORA HENRIETTA.....	3206 Hackberry St.
LAMB, EDWARD PAYNE.....	Middletown, Ohio., and 2210 Ohio Ave.
LANGE, KATHERINE HENRIETTA [N&H]	The General Hospital
LEE, CORINNE ASHBROOK.....	563 Howell Ave.
LEHENBAUER, MARTHA HOMAN.....	212 Calhoun St.
LEWING, FRED DANIEL.....	3237 Vine St.
LOBITZ, ELSA ANNA.....	3424 Ridgeway Ave.
LOBITZ, RUTH CAROLYN.....	2559 Fairview Ave.
LOUTH, MABEL CORA.....	West Haven, Conn., and Y. W. C. A.
LUCANDER, THAIS.....	Pelsing, China, and 226 Loraine Ave.
MCCAW, ROBERT H. PLAUT.....	1935 Madison Rd.
MCCNEILL, MRS. THOMAS F.....	1334 Laidlaw Ave.
MACK, REBECCA.....	4 E. Somerfield Apts.
MARK, MORRIS.....	1038 Wesley Ave.
MARTIN, MARION.....	2613 Observatory Rd.
MATHEWS, NOREEN MACRUM.....	255 Loraine Ave.
MILLER, OSCAR WILDE.....	3550 Wisconsin Ave.
MOBLEY, JULIA ELIZABETH.....	8426 Anthony Wayne Ave.
MONROE, MARION EGGEL.....	623 Carlisle Ave.
O'BRIEN, HARRY CARL.....	257 Helen St.
OSTHOLTHOFF, CHARLES.....	320 Arlington Ave., Lockland, O.
OYLER, BLANCHE BELL.....	Hamilton, O., and 2319 Flora Ave.
PAGE, WILBER.....	3079 Kerper Ave.
PETTY, RUTH.....	722 Greenup St., Covington, Ky.
POTTS, NELSON ALEXANDER.....	1794 Knox St.
POWERS, FRANK LESLIE.....	202 Sterrett Ave., Covington, Ky.
ROBINSON, VIOLA MAY.....	3075 Kerper Ave.
RUST, CARLETON.....	2558 Trevor Pl.
RYAN, ROYAL WINSTON.....	1937 S. Auburn Ave.
SAGMASTER, WALTER EDWARD.....	926 Chapel St.
SAMUELS, JOHN ALEXANDER.....	The Central Y. M. C. A.
SCHWARTZ, BLANCHE HOPKINS.....	239 Albion Pl.
SEBALD, PEGGY GERTRUDE.....	Middletown, O., and 1227 Elm St.
SEINSHEIMER, FRANCES.....	744 Betula Ave.
SEPPICH, ELIZABETH MARGARET.....	Ogden, Utah, and 1506 Blair Ave.
SHULMAN, CHARLES.....	211 Forest Ave.
SIMS, MARY LUCRETIA.....	The Conservatory of Music
SNYDER, HYMAN ELIOT.....	Reading, Pa., and 823 Elm St.
SOLOMON, ETHEL LILLIAN HEIM.....	574 Hale Ave.
SPANEL, ABRAM NATHAN.....	251 Ehrman Ave.
STEIN, MORRIS.....	521 W. Ridgeway Ave.
STEINER, EMMA.....	Rose Hill Apts.
SULLIVAN, SARAH LORETTE.....	3230 Beresford Ave.
TAYLOR, MARION ADELINA.....	3422 Whitfield Ave.
THEIS, CHARLES FREDERIC.....	2200 Madison Rd.
THRASHER, ALLEN WADE.....	1955 Madison Rd.
TRIESMAN, MARTHA CATHERINE [ELA]	1268 Sunset Ave.
TUTTLE, KATHARINE LEE.....	3980 Rose Hill Ave.
TWITCHELL, MRS. GEORGE B. [ELA]	845 Dayton St.
UNGER, SIDNEY E.....	New York City, and 3352 Burnet Ave.
VIRTUE, CHARLES FRANK.....	845 Oak St.
VIRTUE, CLARENCE MCCURDY.....	845 Oak St.
WEBER, EMMA.....	3635 Middleton Ave.
WEBER, MATILDA [ELA]	512 Findlay St.
WENTE, EMMA.....	2401 Grandview Ave.
WHEELWRIGHT, FRANCES AGNES.....	1521 Blair Ave.
WHITAKER, NAOMI LEE.....	4419 Carnation Ave.

WIKOFF, RAYMOND	Middletown, O., and 2210 Ohio Ave.
WYATT, ALICE W.	136 W. McMillan St.

TEACHERS

ALSTON, RUTH ELIZABETH	1314 Lincoln Ave.
BAECHLE, JULIA MARIE [ELA]	3583 Vinc St.
BOWEN, MARGARET DAVIS [ELA]	3264 Beresford Ave.
CLENNA, MARGARET LEE	866 Buena Vista Pl.
DEHAN, GOLDE [ELA]	34 Poinciana Bldg.
GEIS, MARGUERITE [ELA]	530 Davenport Ave.
GOLDBERG, RUTH	1978 Kinney Ave.
GRAH, ANNA HELENE [ELA]	2421 Fairview Ave.
HIBBARD, LAURA [ELA]	15 The Madrid Apts.
JOHNSON, ANNA DAVIDSON [ELA]	920 Churchill Ave.
KELLEY, ALICE [ELA]	2305 East Hill Ave.
KESSING, LOUISE ANNA [ELA]	4802 Lower River Rd.
LAMARRE, ADELE E. [ELA]	1436 Marlowe Ave.
LA MAY, S. MARGUERITE	5310 Ravenna St.
MORRIS, CLARA MARY	842 Monroe St., Newport, Ky.
NELSON, GWENDOLYN	2260 Washington Ave., Norwood, O.
RASOR, MARY WILLIE [ELA]	2826 Park Ave.
ROSS, MARY EMMA ROBINSON [ELA]	866 Buena Vista Pl.
SADLER, GLADYS AMY	240 Hosea Ave.
SLADE, GRACE SMITH	2912 Park Ave.
TOBIN, ELLEN LOUISE	5819 Knoll Ave., Kennedy Heights
WOELLNER, ROBERT [ELA]	3036 McHenry Rd.

EVENING ACADEMIC COURSES

IRREGULAR STUDENTS

ABEL, LUDWIG CHRISTIAN	Box 106, North Bend Rd.
AIKEN, FLORENCE LOU	359 Ludlow Ave.
BARTON, AMY ESTHER	2318 Chickasaw St.
BARTON, DAVID EDWARD	2318 Chickasaw St.
BARTON, ETHEL DAVIES	2318 Chickasaw St.
BENNETT, ALF B.	R. R. No. 2, Westwood Branch
FRIEDA, MRS. BERGMAN	545 W. 9th St.
BIEHL, WILLIAM ROBERT	2960 Massachusetts Ave.
BIELER, FLORA	209 Hearne Ave.
BOEGLI, CHARLES	3211 Jefferson Ave.
BOSSERT, FRED M.	3954 Dickson Ave.
BOWLING, ELISE MARGARET	1701 Brewster Ave.
BRADLEY, WILLIAM	2917 Park Ave.
BRENNAN, MARGUERITE ILENE	The Central Branch, Y. W. C. A.
BRESTEL, GERTRUDE FLORENCE	460 Warner St.
BRESTEL, RUTH MAGDALENE	460 Warner St.
BRESTEL, PERRY CLARENCE	1324 Arlington St.
BRETCHER, THEODORE A.	6211 Prentice St.
BREWSTER, JOHN POLLARD HARRISON	14 Brookline Bldg.
BRILL, LOUISE WARREN	1816 Duck Creek Rd.
BRINKMAN, WILLIAM JAMES	27 E. St. Clair St.
BROWN, ALICE ELAINE	3449 Cheviot Ave.
BUCHMANN, MARGARET	120 Piedmont St.
BUTLER, NELLIE WILSON	2919 Eden Ave.
CALLAHAN, MAJORIE	966 Hawthorne Ave.

CLARKE, DOROTHY HALL	922 Nassau St.
CLEAVER, CLARENCE BARCLAY	6103 Navarre Pl.
COFFIN, ROBERT ERASTUS	Locust St. and Alms Pl.
COLES, GERTRUDE RUTH	1781 Westwood Ave.
CORNEY, HAROLD DEAN	1501 W. McMillan St.
COOK, JOHN GUSTAVE	No. 9 Allisonia Bldg., Norwood, O.
CORNELL, ANNETTE PATTON	212 W. Eighth St.
CORS, LESLIE S.	1220 Yarmouth St.
CROUCH, FRANCES ANNETTE	The General Hospital
DIXON, BLANCHE ROSELYN	New Richmond, Ohio
DORGER, MARCELLA MARIE A.	4312 Pitts Ave.
DURBIN, MARY NANCY	The General Hospital
EISENDRATH, MAURICE N.	1213 Locust St.
ERNST, VIOLA MAGDELENE	1535 Holman St., Covington, Ky.
EVANS, EDMUND BOYCE	1215 Elgin Pl.
FEIBLEMAN, ESTHER MIRIAM	232 Rochelle St.
FELL, RAYMOND THOMAS	1434 Pullan Ave.
FERGUSON, ANNA LUELLA	2235 Reading Rd.
FISBECK, ESTHER	2431 Colerain Ave.
FITZSIMMONS, ALICE MARIE	Grant and Sheridan Ave., Ft. Thomas, Ky.
FOSTER, FRANK BENJAMIN	620 E. Sixth St.
FOY, MARY	2917 Eastern Ave.
FREERICKS, FRANCES ELLA	1616 Ruth Ave.
GAENGE, GERTRUDE EDITH	4038 Taylor Ave.
GARRISON, HELEN LAYBOURNE	4950 Bonton St.
GEORGE, EDYTH CLAIRE	No. 3 Locust St., Covington, Ky.
GERHARDT, WILLIAM JACOB	3076 Moosewood Ave.
GOREY, MARGARET MARY	The General Hospital
GRAD, SARAH BELLE	3441 Knott Ave.
GRAEF, ALBERT AUGUST	1728 Baymiller St.
GUCKENBERGER, THELMA	3469 Brookline Ave.
HACKE, WILLY HUGO GOTTFRIED	2011 Dunlap St.
HADSELL, LAURA	2513 Ohio Ave.
HAMMANN, SYLVIA ELIZABETH	936 Dayton St.
HARDEBECK, MARIE ELIZABETH	922 Enright Ave.
HARDIG, JOSEPH EDWARD	2540 Halstead Ave.
HARGRAVE, MAMIE E.	3077 Mathers St.
HARGRAVE, MARIE WENRICK	3077 Mathers St.
HARRISON, WILLA LOUISE	4259 Fergus St.
HELMICK, SYLVIA LOUISE	1944 Dana Ave.
HENSLEY, ROSCOE J.	427 McGregor Ave.
HERMAN, BERTHA CONSTANCE	2027 Auburn Ave.
HOFFMAN, MILDRED LOUISE	4614 Sullivan Ave., St. Bernard, O.
HOGGATT, FRANK BOHN	Madeira, O.
HOUSH, WILLIAM KIMBALL	5613 Abbotsford Pl.
HUBER, EMILY WILHEMINE	Paris and McMillan Sts.
HUTZELMAN, JACOB CASPER	Sharonville, O.
JOHNSON, ELMER W.	5717 Hamilton Ave.
KAIPER, S. EVERETT	386 Terrace Ave.
KEMPER, GERTRUDE KOOSTER	2709 Sander St.
KENNEDY, CORINNE CONRAD	43 W. Fifth St.
KENNEDY, HELEN AGNES	404 E. 5th St.
KENNEDY, HELEN CONNOR	2527 Columbia Ave.
KENNEDY, NORA BESS	3229 Gilbert Ave.
KERBER, WILLIAM	1501 W. McMillan St.
KIEL, ANNA	2400 E. Montana Ave.
KIRBY, INEZ CORINA	The General Hospital

KITTENACKER, MRS. ANTOINETTE WILMS	2232 Shadewell St.
KLEIN, JULIA ROSE	2372 Stratford Ave.
KLEIN, LORETTA	1322 Burdette Ave.
KRASNE, SOPHIE	409 Union St.
LANG, NAOMI CATHERINE	944 Windsor St.
LANGDON, ELIZABETH I.	4003 Rose Hill Ave.
LEE, DOROTHY	The General Hospital
LEONARD, ELIZABETH R.	136 W. McMillan St.
LEONARD, FRANK LOUIS	2366 Kemper Lane
LE SAINT, CLAIRE LOUISE	3542 Bevis Ave.
LEVY, DANA	853 Hutchins Ave.
LEVY, HATTIE MINNETTE	303 Goodman St.
LEWIS, ELSIE WATT	2921 Urweiler Ave.
LLOYD, WILMA FLETCHER	The General Hospital
LOSH, ESTHER OLIVE	4831 Whetsel Ave.
LURING, VIOLA CHARLOTTE	3107 Colerain Ave.
LYMAN, MARGARET E.	3508 Burnet Ave.
MCCONNELL, MILDRED CHANDLER	Mt. Olivet, Ky., and Deaconess Hospital
MCGREW, MARY	The Park Apts., McMillan St.
MACE, CLIFTON HARTING	1412 Ludlow Pl.
MADDEX, MILTON RICHARD	634 Orient Ave.
MAGEE, MARGARET VERONICA	3114 Ahrens St.
MAGRISH, SARAH	1638 Bruce Ave.
MAIORINO, MARY	1416 Elm St.
METZGER, ERNA	3436 Woodburn Ave.
MEYER, MARGARET	805 Hutchins Ave.
MEYER, RAYMOND ANTHONY	936 Fillmore St.
MICELI, VIRGINIA	1787 Sycamore St.
MOTT, GEORGE JOSEPH	1727 Kinney Ave.
MUEGEL, HARRY RAYMOND	2122 Pogue Ave.
MUSSMAN, ELSIE LILLIAN	1927 Bigelow St.
NAISH, SYLVIA MARIE	728 Clark St.
NATHAN, ROSALINE SMITH	858 E. Rockdale Ave.
NEAGLE, ALYS MARIE	315 Seitz St.
NIEDERMEYER, FLORA	920 Grand Ave.
NOLL, ARTHUR EDWARD	216 Klotter Ave.
NUNNEKER, ELSIE KATHRYN	4620 Erie Ave.
NEWPORT, ANNE ELIZABETH	1710 Fairfax Ave.
OBERMANN, CARL FRED	2249 Flora Ave.
PARRY, EDWIN ARTHUR	928 Nassau St.
PEITZ, ROSALIND MARY	Gilbert Ave. and Locust St.
PHILLIPS, VIRGINIA LYSLE	705 York St., Newport, Ky.
PISTLER, WILLARD CHARLES	3233 Fairfield Ave.
POE, EDITH G.	2409 Ashland Ave.
POHLMAYER, JEAN EDPYTHE	1643 Brewster Ave.
POOLEY, MARY HELEN	24 The Alexandra Apts.
PORTER, JENNIE D.	733 W. Court St.
POSNER, JENNIE	3345 Burnet Ave.
PUFF, BERTHA KATHERINE	1030 York St., Newport, Ky.
RABB, FRANCES	S. E. Cor. Rohs and McMillan Sts.
RANEY, CARRIEMMA BRYAN	Alexandria Pike, S. Ft. Thomas, Ky.
RATH, AMELIA JENNIE	2624 Scioto St.
RIETH, SUSIE ESTELLE	1659 Herbert Ave.
RUSSELL, AGNES ANNA	705 Baymiller St.
RUSSELL, HELEN J.	128 William St., Lockland, O.
SAGMASTER, JOSEPH WILFRED	926 Chapel St.
SAMMET, HELEN JULIA	201 Hearne Ave.

SCHAUM, PAUL FREDERICH	298 Mohawk St.
SCHENK, HENRIETTA	126 E. Front St., Newport, Ky.
SCHMAL, ARMIN V.	6633 Montgomery Rd.
SCHOENWANDT, HELEN BERTHA	3538 Beldare Ave.
SCHULZE, ALMA EMILY	4008 Floral Ave., Norwood, O.
SEBASTIAN, JOHN CHRISTOPHER	2346 Auburn Ave.
SELBERT, MRS. FRIDA FOERSTER	3209 W. 8th St.
SEMPLE, BEN P.	236 E. 2nd St., Covington, Ky.
SIEREVELD, LOUISE	568 Terrace Ave.
SHITSKY, DORA	No. 3 Le Roy Court
SMITHHISLER, MARTHA	106 Hosea Ave.
SPENER, ANNA LOUISE	3595 Vine St.
STEPHENSON, HESTER MARGARITE	4131 Liberty St.
STEPHENSON, ARTA MARIE	4131 Liberty St.
STOCKTON, ARMIDA	3473 Brookline Ave.
STOERKER, ADOLPH	6203 Madison Rd.
TAYLOR, DORIS B. BLACKERBY	2385 Park Ave.
TELKER, MINNA JOHANNA	225 Kinsey Ave.
THOMAS, RONALD	634, The Central Y. M. C. A.
TIEMEYER, EDWIN HERMAN	2336 Stratford Ave.
TOENNIES, HELEN	2825 Euclid Ave.
TREADWAY, GERTRUDE G.	529 Prospect Pl.
TRESTEL, FLORA AGNES	1237 Manss St.
UNDERWOOD, ELIZABETH FOSTER	512 Delta Ave.
VANDERHORST, BELLE MARIE	307 Fairbanks Ave.
VAN DUZEN, CLARENCE EDWIN	546 W. Liberty St.
VEAZEY, LILLIAN LAWRENCE	2342 Ravine St.
WAGER, MARIE LOUISE	3312 Columbia Ave.
WARREN, KATHERINE ESTHER	630 E. 3rd St., Newport, Ky.
WARREN, RUTH MARION	630 E. 3rd St., Newport, Ky.
WILEY, RUTH HARRIET	The General Hospital
WILLIAMS, FLORENCE MARTHA	322 Ward Ave., Bellevue, Ky.
ZELIGS, ROSE	820 W. Court St.

SPECIAL STUDENTS

ABRAMS, HARRY AARON	825 Blair Ave.
ABRAMS, LOUIS	825 Blair Ave.
ABRAMS, PAULINE FLORENCE	212 W. McMillan St.
ACKERMAN, EDWIN HOBERT	1705 Sycamore St.
ADAMS, ROBERT LE GRANDELE	4526 Floral Ave., Norwood, O.
AKER, WILLIAM	4602 Erie Ave.
ALEXANDER, ALICE C.	15 E. 9th St., Covington, Ky.
ALSTON, RUTH ELIZABETH	1314 Lincoln Ave.
ANDERSON, FRANCES FERN	113 W. 4th St., Covington, Ky.
ANDERSON, RUBY	406 Jefferson Ave., St. Bernard, O.
ANDRESS, FRANK JULIAN	625 Crown St.
APPEL, CLARA MARGARET	4431 Braze St.
APPEGATE, MARGUERITE FAITH	3663 Stettinius Ave.
AREY, ESSIE VIOLA	7309 Van Kirk Ave.
ARGO, BESS	6321 Savannah Ave.
AUSTIN, GEORGE JAMES	1243 Chapel St.
AUSTIN, JENNIE	1504 Lincoln Ave.
BAENSCH, RUDOLPH A.	2317 Rohs St.
BAER, SIGMUND	836 E. Ridgeway Ave.
BAIRD, EDGAR LEWIS	Vevay, Ind., and the L. B. Harrison Hotel
BAKER, ALBERTA	426 Greenup St., Covington, Ky.

BAKER, EMMA	851 Hathaway St.
BALDAUF, PHILIP DANIEL	2629 Stratford Ave.
BALLINGER, LUCY	1725 Madison Ave., Covington, Ky.
BANFORD, EMMA MARGARET	3822 Mt. Vernon Ave.
BANKER, ETHEL ANN	574 Terrace Ave.
BARBARA, ANTHONY JOSEPH	1505 Marlowe Ave.
BARBARA, EDYTHE HAMER	1505 Marlowe Ave.
BARBARA, MARGARET	3791 Ault Park Rd.
BARKER, ESTHER MARY	246 E. 5th St.
BARNETT, MRS. MILDRED EVANS	4009 Floral Ave., Norwood, O.
BARRERE, HENRY DAWSON	449 Riddle Rd.
BARRETT, EDWARD JOSEPH	2424 Symmes St.
BASS, FANNY	Rapid Run Pike and Glenway Ave.
BATSON, OSCAR VIVIAN	1545 Ruth Ave.
BECK, DOROTHY	6265 Kincaid Rd.
BECKER, CARL EMIL	3148 Daytona Ave.
BECKER, EDWIN G.	2608 Jefferson Ave.
BELLVILLE, LAURA MAY	4225 Grove Ave., Norwood, O.
BENEDICT, MARGARET H.	1325 Yarmouth Ave.
BENHAM, CARRIE ANNA	The General Hospital
BENZING, LILLIAN	1548 Marlowe Ave.
BERDING, ANDREW HENRY	533 Purcell Ave.
BERDING, KATHRYN	742 Purcell Ave.
BERG, ISADORE ALBERT	3340 Reading Rd.
BERGMAYER, GRETCHEN LOUISE	305 6th Ave., Dayton, Ky.
BERMAN, NANNIE	849 Windham Ave.
BERNING, MARIE MARGARET	1140 Cedar Ave.
BEVIS, THELMA HELEN	Oakland and Belmont Aves.
BINDER, EMMA	2131 Van Lear St.
BINGEL, ELLA	124 Lyon St.
BOHL, ETHEL MARION	4532 Glenway Ave.
BLACK, JEANETTE	The General Hospital
BLANK, RUTH REGINA	928 Harris Ave.
BLATTNER, IRENE K.	205 E. 12th St.
BLOCK, BERTHA	2115 Fulton Ave.
BLOCK, ELIZABETH	1384 Burdette Ave.
BODENSTEIN, RUTH NOCKA	3619 Vineyard Pl.
BOHLMAN, MINNIE AUGUSTA	The Jewish Hospital
BOHM, GERTRUDE	3593 Wilson Ave.
BOHN, FRIEDA ODESSA	17 The Barclay Apts.
BOLGER, MARGARET DONAHUE	1531 Lincoln Ave.
BORGSMANN, MARIAN ANNA	1045 Considine Ave.
BOSSEMEYER, DONALD WESLEY	1635 Philomena Ave.
BOYCE, HARRIET LAMKIN	696 S. Crescent Ave.
BRAHAN, MARGARET VALLIANT	The Conservatory of Music
BRAMHALL, MERRIAM JEWELL	The General Hospital
BRANDHORST, MARGARET	611 Church St.
BRANDHORST, MARIE HENRIETTA	611 Church St.
BRAUN, WILLIAM JOSEPH	3629 Glenway Ave.
BRECKENRIDGE, HAL WOODWARD	1203 Myrtle Ave.
BRICKER, HILDA	1126 Race St.
BRIDGE, ELESIA M.	2939 E. Montana Ave.
BRIEGEL, LORINE	2533 Homestead Pl.
BRINK, LESTER GEORGE	3721 Laclede Ave.
BROWN, BERNICE STERN	6 Belcroft Pl.
BRUCE, ADELAIDE	907 W. Eighth St.
BRUCE, K. B.	907 W. Eighth St.

BRUESTLE, HENRY	2639 University Court
BRUNSON, MAY E.	712 E. 7th St., Newport, Ky.
BUCHNER, JULIA ELIZABETH	228 E. 10th St., Newport, Ky.
BULLERDICK, ELLEN	4323 Hamilton Ave.
BUNTAİN, ANNE	2885 Erie Ave.
BUNTIN, ANNA LEE	329 Ludlow Ave.
BURDGE, HENRIETTA ELLERHORST	917 Yale Ave.
BUSCH, WILLIAM CHARLES	3836 Mt. Vernon Ave.
BUTLER, CATHERINE MARIE	2406 Norwood Ave., Norwood, O.
BUTLER, HELEN CECILIA	2406 Norwood Ave., Norwood, O.
BUTLER, SHIRZA ANN	The Deaconess Hospital
BYER, ESTHER GERTRUDE	3318 Reading Rd.
CAMPBELL, MARJORIE GENEVRA	The General Hospital
CARNS, RUTH FLORENCE	2353 Kenton St.
CARNS, INA MAE	2353 Kenton St.
CASSADY, LORA HOPE	The General Hospital
CARVER, ROBERTA THANKFUL	The General Hospital
CASH, ALBERT D.	705 Mercantile Library Bldg.
CAVENDER, WINIFRED MARGARET	2108 Gilbert Ave.
CHACE, NORMAN BAYLIES	5536 Belmont Ave.
CHILES, JESSE M.	636 W. Ninth St.
CHISHOLM, GEORGIA ELLIN	34 Alexandra Apts.
CLARK, CLARA	16 Edinboro Pl.
CLARK, CLINTON PENNINGTON	3330 Jefferson Ave.
CLAY, DRUCILLA	754 Richmond St.
CLAYTON, DELLA	The Anna Louise Inn
COHEN, ESTHER R.	2620 Stanton Ave.
COHEN, HAZEL	3490 Dury Ave.
COHEN, ISRAEL REUBEN	1421 Central Ave.
COHEN, MOLLIE	962 Windsor Ave.
COLE, HELEN LOUISE	2234 Park Ave.
COORS, CLARA ANNA	718 Melvin Ave.
COPLAN, ETHEL	2708 Woodburn Ave.
COSWAY, FANNIE MARY	337 Milton St.
COX, JENNIE ISABEL	1 Dexter Pl.
CRAPSEY, GEORGE R.	104 Mason St.
CRAPSEY, JESSIE McCORMACK	107 Mason St.
CREMIS, HATTIE	The Burnet House
CROSBY, LECONIA FRANKLIN	330 E. Eleventh St., Covington, Ky.
CRYKIN, MORRIS	611 Richmond St.
CULBERTSON, JAMES THOMAS	Twenty-first and Monmouth Sts., Newport, Ky.
DACHENBACK, LIDA MARIE	5107 Silver Ave., Norwood, O.
DALL, ALBERT HERMAN	2137 Central Ave.
DARBY, EUNICE J.	6257 Kincaid Rd.
DARBY, SARA T.	6257 Kincaid Rd.
DAVIDSON, MAUDE BEATRICE	40 E. Mitchell Ave.
DAVIS, ALLEN	347 Forest Ave.
DAVIS, HELEN	183 Grand Ave., Ft. Thomas, Ky.
DAWSON, JULIA	1234 Myrtle Ave.
DE HAN, ZADA A.	34 The Poinciana Apts.
DEHMEL, ELIZABETH CUTH	3012 Jefferson Ave.
DEITERMAN, HARRY JOSEPH	2270 Vine St.
DELUSE, GEORGE HERBERT	117 E. McMicken Ave.
DENMAN, RICHARD EARL	6500 Madison Rd.
DENSON, IRENE	Selma, Ala., and The Conservatory of Music
DIEHL, HAZEL	3943 Regent Ave., Norwood, O.
DIERKING, EDYTHE STELLA	The Central Y. W. C. A.

DIETRICH, LOUISE MARIE.....	323 Warner St.
DIETZ, CONSTANCE ESTELLE.....	540 Ringold St.
DISERENS, MRS. E. C.....	68 W. Main St., Mt. Healthy
DOEPKE, ALVINA CAROLINE.....	25 Lakewood Ave.
DOHERTY, EDITH MARTHA.....	634 Melish Ave.
DOLL, MARY VIRGINIA.....	1052 Mound St.
DOLLE, EUGENIA MARY.....	141 W. McMillan St.
DONNELLY, CLARISSA.....	2919 Seminole St.
DRABNER, FRANCES AMELIA.....	124 E. McMillan St.
DUEKER, LOUISE WILMA.....	3120 Hackberry St.
DUNING, CARL FREDERICK.....	4714 Winona Terrace
DUNN, LULU.....	3030 Verdin Ave.
EARL, ROSA MAY.....	6073 Montgomery Rd.
EGER, DOROTHY C.....	882 Ludlow Ave.
EICHER, ROWENA JANET.....	6242 Savannah Ave.
ELLERT, JOSEPH.....	521 Richmond St.
ELLIOT, MARGARET KATHERINE.....	2605 Eden Ave.
ELLIS, MARY LA BOITEAUX.....	5300 Hamilton Ave.
EMBRY, LAURETTA.....	824 W. 9th St.
EMRIE, MARY.....	The General Hospital
EPSTEIN, ADOLPH WILBUR.....	2895 Montana Ave.
ERNST, CORINNE KATHERINE.....	1714 Vine St.
EVANS, BETTY.....	411 Hickory St.
EVERMAN, ORD.....	2123 Gilbert Ave.
EVERMAN, RUTH ANN.....	2123 Gilbert Ave.
EYLER, CAROL.....	4311 Franklin Ave., Norwood, O.
FAGEN, MARGUERITE ELIZABETH.....	2901 Vine St.
FAHRIG, MARY A.....	527 Race St.
FANGMEYER, ELIZABETH.....	1565 Chase Ave.
FAUSSETT, JANICE MARIE ANNear.....	2112 Auburn Ave.
FELDMAN, ADELAIDE MARIE.....	4056 St. Williams Ave.
FELL, BLANCHE MARGARET.....	1434 Pullen Ave.
FENKER, LOUISE A.....	917 Curtis St.
FLEDDERMAN, ROBERT FRED.....	712 Clinton St.
FORTE, ETTA C.....	704 W. 8th St.
FOSTER, MABELLE.....	The Anna Louise Inn
FOSTER, RUTH S.....	1036 Mound St.
FOX, EDITH.....	The Brooklyn Apts.
FREUND, MARGUERITE E.....	2810 Euclid Ave.
FRANKE, THELMA ADELLE.....	3818 St. Lawrence Ave.
FULNER, BERNICE EMMA.....	925 Columbia St., Newport, Ky.
FULSHER, HIRAM GRANT.....	3653 Paxton Rd.
GAENGE, JULIUS ROBERT.....	4038 Taylor Ave.
GARDINER, KATHERINE DEANE.....	5337 Ravenna St.
GARRETTE, RUTH.....	1036 Mound St.
GARRISON, MARY E.....	No. 2, The Ortiz Bldg.
GASKILL, HELEN M.....	6103 Navarre Pl.
GEORGE, LOUISE.....	3 Locust St., Covington, Ky.
GERBER, AMY.....	3316 Fairfield Ave.
GLENDENNIN, ANNA PEARL.....	The General Hospital
GLICK, LEONARD E.....	3106 Burnet Ave.
GLOYSTEIN, EDNA LOUISE.....	3011 Lehman Rd.
GODFRIED, EVELYN LILLIAN.....	911 Harris Ave.
GOETZEL, HELEN.....	2156 Loth St.
GOLDEN, ROSE KATHERINE.....	The Jewish Hospital
GOLDSTEIN, RHEA.....	No. 1 The Granada Apts.
GOODMAN, GERTRUDE HARRIET.....	3441 Hallwood Pl.

GREER, HELEN ALBERTA.....	1785 Agnes St.
GREGG, DAVID DAWSON.....	565 Terrace Ave.
GRIFFITHS, ANNA.....	8413 Wayne Ave.
GROFF, LUELLA KATHRYN.....	1762 Powers St.
GROFF, MARIE EARLE.....	1762 Powers St.
GRUENINGER, EDWARD JOHN.....	3422 Bishop St.
GUSWEILER, LURA BARTHOLOMEW.....	2411 Norwood Ave., Norwood, O.
HAILE, EDITH CELIA.....	49 E. McMillan St.
HAILE, JOSEPHINE SEELY.....	49 E. McMillan St.
HAINES, GORDON EARL.....	1505 Marlowe Ave.
HALLER, HUGO A.....	2213 Victor St.
HAMMOND, GRACE LOUISE.....	3255 Ridgeway Ave.
HAMMANN, HERBERT H.....	936 Dayton St.
HAMMEL, FRANCES PRISCILLA.....	7025 Fairpark Ave.
HANDEN, EDGAR KENDALL.....	3778 Drake Ave.
HANDLEY, HELEN L.....	3708 Sachem Ave.
HANEY, RUTH ALMA.....	3331 Glenway Ave.
HARGITT, ROBERT PALMER.....	2136 Madison Rd.
HARPER, CHARLES HOWARD.....	2715 Markbreit Ave.
HARPERINK, MARIE ANN.....	715 Pedretti Ave.
HARRIS, ALICE H.....	1525 Gilpin Ave.
HARTLIEB, RUTH C.....	3828 Regent Ave., Norwood, O.
HARTMAN, MRS. EDITH TINGLEY.....	2323 Stratford Ave.
HATMAKER, MARY CHRISTINE.....	779 Summit Ave.
HAUCK, EMILIE MARGARET.....	935 Dayton St.
HAUSER, MARIE.....	1918 Vine St.
HAWTHORNE, VIOLA E.....	1224 Louden Ave.
HAYNE, RUTH J.....	3113 Gloss Ave.
HAYS, EVERETT.....	3710 Oakley Ave.
HEGLER, HELEN VIRGINIA.....	The General Hospital
HEISEL, ELMER R.....	3120 Burnet Ave.
HEITMAN, MRS. CLARA KUEHNLEIN.....	1308 Beech Ave.
HELLKAMP, A.....	613 Church St.
HELLKAMP, ROSA MARY.....	613 Church St.
HELMAN, MABEL ROCKWOOD.....	No. 1 The Somerset
HELMAN, RUTH LEONARD.....	No. 1 The Somerset
HELSING, ANNA MARIE.....	1235 Sliker Ave.
HENNESEY, MARTHA CLARE.....	628 E. 5th St.
HENRY, MARY LOUVA.....	32 W. Eighth St.
HERBERT, MABEL L.....	104 Huntington Pl.
HERINGHAUS, BILLIE.....	1515 Ruth Ave.
HERZ, MAE.....	46 Haddon Hall
HESS, CLARA K. A.....	1927 Vine St.
HESELBROCK, VERA CATHERINE.....	Wold Ave. and Madison Rd.
HIBBERT, IDA LYNETTE.....	The General Hospital
HOFMANN, OPHELIA LAWRENCE.....	2836 Reading Rd.
HOLOCHER, CLARENCE.....	222 Mulberry St.
HOLTMEIER, WILLIAM JOSEPH.....	Colerain and Marshall Aves.
HOWARD, ELIZABETH LENORE.....	516 Richmond St.
HOWE, MABEL D.....	1203 Hillcrest Ave.
HUBBARD, DILLARD B.....	Boyd, Ky.
HUBBER, MARY MAGDELENE.....	2908 Ziegle Ave.
HUEEY, FLORETTA KATE.....	1514 Garrard St., Covington, Ky.
HUPPERTZ, RUTH BERTHA.....	2348 Wheeler St.
HUSER, ADELINE E.....	4266 Langland Ave.
HUTCHINSON, WILLIAM EARL.....	5578 Montgomery Rd.
INGRAM, HENRIETTA WASHAM.....	3139 Gaff Ave.

IRWIN, MARIE A.	1019 Del Monte Pl.
ISPHORDING, ALICE	4231 Forest Ave., Norwood, O.
JAMES, DAVIS LAWLER	2853 Winslow Ave.
JAUCH, FLORENCE MARIE	3571 Colerain Ave.
JENKINS, EMMA DANE	The Deaconess Hospital
JOBST, LILLIAN THERESA	3848 Olivette Ave.
JOBST, MARIE ANGELA	3848 Olivette Ave.
JOBST, PAULINE MARIE	3848 Olivette Ave.
JOHNSON, GLADYS VELMA	2391 Warsaw Ave.
JOHNSON, ERMA ROSE	2304 Rohs Ave.
JONES, CATHERINE	The Conservatory of Music
JORDAN, FLOYD	The Dennison Hotel
JOYCE, ESTELLE ELIZABETH	233 McGregor Ave.
JUERGENS, ELSA E.	727 Delta Ave.
KAISER, MARIE JOSEPHINE	276 Ludlow Ave.
KAMPF, LILLIAN	2920 Madison Rd.
KANDEL, PHOEBE MILLER	The General Hospital
KAPLAN, LEE	2138 McLean Ave.
KATH, ANNA	413 Southview Ave.
KAUFMANN, HILDA	1816 Queen City Ave.
KAY, ELIZA MATTERSON	3039 Montana Ave.
KEATING, KATHERINE AGNES	3576 Mooney Ave.
KELLER, GEORGE W.	212 W. McMillan St.
KEMPER, L. E.	Lane Seminary
KENT, MARY	6298 Kincaid Ave.
KIENKER, HENRY F.	5652 Glenview Ave.
KIRBERT, HENRY	4320 Thirty-third St.
KLAMMT, ARTHUR PAUL	1323 Vine St.
KLEIN, EMMA ROSE	1322 Burdette Ave.
KLEINE, MARGUERITE M.	610 Union St.
KOENIGKRAMER, GEORGE WILLIAM	2903 Kling Ave.
KOENIGKRAMER, LILLIAN WILHELMINA	2903 Kling Ave.
KOLB, ALBERT W.	23 W. Seventieth St.
KORNAU, EUGENIA	4207 Cherry St.
KRAMER, HILDA ANNA	4457 Colerain Ave.
KROM, MIRIAM	255 Albion Pl.
KROFF, FANNIE VERONA	2405 Clifton Ave.
KROUSE, SOPHIA	842 Lexington Ave.
KRUCKEMEYER, JOHANNA S.	581 Terrace Ave.
KUCK, LOUISE	209 W. 12th St.
LA BOITEAUX, EDITH CIST	5300 Hamilton Ave.
LACHERER, ANNA MARIE	2213 Stratford Ave.
LADD, LEAH DOROTHY	947 W. Court St.
LAMPING, FRANK HENRY	4723 Osgood Ave.
LANDT, IRWIN W.	2529 Hemlock St.
LANG, HAZEL MARGARET	1712 Vine St.
LARIMER, VIRGINIA LORRAINE	5017 Leonard St.
LATHAM, U. A.	5342 Whistler Ave.
LATHAM, MRS. U. A.	5342 Whistler Ave.
LAWRENCE, LLEWELLYN TRUEMAN	Lane Seminary
LAWLESS, HOWARD THOMAS	3138 Durrell Ave.
LAWSON, ISOBEL CLARK	414 Richmond St.
LEEKER, LOUISE	238 Gilman Ave.
LE FEVRE, PEARL	2333 Glenside Ave., Norwood, O.
LEFFINGWELL, ADELAIDE MAUD	Jewish Hospital
LEVENTHAL, ROSE	3439 Ruth Ave.
LEVINSON, CECILIA B.	351 Probasco St.

LEWIN, ESTELLE MIRIAM.....	3257 Glendora Ave.
LEWIN, JEANETTE.....	3257 Glendora Ave.
LEWIS, ELSIE MARCKWORTH.....	3315 Jefferson Ave.
LEWIS, LILLIAN MARIE.....	125 E. 6th St., Covington, Ky.
LEWIS, LYDIA MAY.....	1523 Jones St.
LIEBENBERG, IDA.....	405 Probasco St.
LIEBING, FRIEDA.....	3503 Trimble Ave.
LINDEMAN, ELSIE.....	94 Juergens Ave.
LINGER, ORAL AFTON.....	1810 Young St.
LIPSCHITZ, MARY.....	864 Rockdale Ave.
LISTER, ALMA.....	1047 Bader St.
LITTLE, FOUDA AGNES.....	3865 Oakley Ave.
LITURN, JACOB.....	521 Richmond St.
LOFTUS, MARY IRENE.....	1132 Fort View Pl.
LOHN, GEORGE LE ROY.....	3568 Trimble Ave.
LUEBBERS, MARY JANE.....	5613 Abbotsford Pl.
McCLURE, FREDERICK WILLIAM.....	4204 Floral Ave., Norwood, O.
McCLANAHAN, CORA MILLER.....	2106 Sinton Ave.
McELVENNY, LORETTA.....	4122 Thirtieth St.
MCGRATH, MARY.....	2415 Auburn Ave.
MCGREW, ANNA N.....	33 The Park Apts.
McKINLEY, ELDORA JOSEPHINE.....	824 Beecher St.
McKINLEY, MARGARET MARY.....	824 Beecher St.
McKISSON, THERON THOMAS.....	1810 Young St.
MCLAIN, TOTTIE EVA.....	Christ Hospital
McMAHAN, CHRISTINE.....	3436 Columbia Ave.
MADDEN, WILLIAM FRANCIS.....	514 Gwynne Building
MAIERSON, MORRIS.....	3546 Eden Ave.
MALLIN, GEORGE OVERTON.....	1222 Grace Ave.
MALLIN, JEANETTE AGNES.....	1222 Grace Ave.
MANLEY, MARY ELLEN.....	The General Hospital
MANTER, MARIE.....	724 E. 10th St., Newport, Ky.
MARIS, MARY ELIZABETH.....	226 Burns Ave., Wyoming, O.
MARTEL, JEAN EDWARD.....	763 E. McMillan St.
MARTIN, CORNELIA.....	8490 Curzon Ave.
MARTZ, OSCAR GARY.....	1825 Mentor Ave., Norwood, O.
MASON, GEORGE EARL.....	965 W. McMillan St.
MATHIAN, EDGAR HANSON.....	3288 Montana Ave.
MAULE, EARL JAMES.....	4208 Delaney St.
MELTON, LUCILE.....	Tennessee Ave. and Paddock Rd.
MEMMEL, FLORA.....	3346 Spokane Ave.
MEYER, CURT JOHN.....	3542 Liston Ave.
MICHAEL, ELEANOR.....	904 Laurel St.
MICHELSON, MARY.....	2946 Cleinview Ave.
MILLER, MARIE ELIZABETH.....	3197 Glenmore Ave.
MILLS, EDGAR JOHN.....	849 Mitchell Ave.
MINNES, LOUISE CLARK.....	804 Millsdale Ave., Lockland, O.
MITCHELL, CALVIN D.....	2210 Gilbert Ave.
MITCHELL, ELEANOR B.....	3439 Whitfield Ave.
MITCHELL, NELL BERNICE.....	3136 Imperial Ave.
MITCHELL, WILLIAM FRANKLIN.....	3439 Whitfield Ave.
MITHOEFER, BERTHA HERMINE.....	241 Gilman St.
MITHOEFER, EMMA HERMIONE.....	2305 Rohs St.
MOLLNER, ELIZABETH.....	The Jewish Hospital
MONEYHON, IRENE.....	The Anna Louise Inn
MOORMAN, GENEVIEVE MARIE.....	790 Wells Ave.
MORGENSTERN, HANNAH MOLLIE.....	520 Hickman St.

MOSS, HOWARD M.	621 W. 6th St.
MOTTERAM, LUCY	535 Maple Ave., Newport, Ky.
MULLICH, ANITA	318 Vine St., Dayton, Ky.
MUMMERT, ALFARETTA	127 Calhoun St.
NACHMAN, HENRY	3725 Reading Rd.
NADEL, CLARA	840 Rockdale Ave.
NEUNINGER, ELSA MARIE	2516 Ravine St.
NIEDERMEYER, AMELIA CLARA	920 Grand Ave.
NIEHAUS, JOHN WILLIAM	3536 Wabash Ave.
NIEMAN, JOSEPH FRANCIS	Highridge and Lockman Sts.
NORCOM, JOSEPHINE MATHEWS	742 W. Seventh St.
NOWACK, EMILY	74 Hollister St.
OBERDAHN, FLORENCE DOROTHY	618 Klotter Ave.
OBERDAHN, HAZEL EDNA	618 Klotter Ave.
O'BRIEN, BETTY	1913 Greenup St., Covington, Ky.
O'DOWD, ROBERT EDWARD	3501 Stacey Ave.
OGDEN, SARAH FRANCES	74 E. Hollister St.
OLLMAN, EMIL JULIUS	5421 Madison Rd.
ORR, ANNA MAY	923 Paradrome St.
OTTO, MARTHA CAROLINE	Dennison, Iowa, and 108 Garfield Pl.
OTTO, MARTHA JULIA	3106 Durrell Ave.
OXLEY, THEODORA	728 W. Seventh St.
PALL, MARGARET JULIA	326 Crestline Ave.
PALMER, IRENE GERTRUDE	7325 Fairpark Ave.
PARKER, ROY BANKWORTH	114 Washington Terrace
PEABODY, NETTIE	1810 Young St.
PENDRY, PAUL LOUIS	11 Elmwood Ave., Ft. Thomas, Ky.
PESCAIU, JOHN NITU	1250 Elm St.
PETA, HELM	25 Garfield Pl.
PETERS, HELEN MARGARET	307 Ross Ave. St. Bernard, O.
PETERSON, MARGUERITE MARCELLA	3796 Hillside Ave.
PFEIFFER, CONRAD LOUIS	2355 Ohio Ave.
PIERSON, GLADYS L.	3713 Laurel Ave.
PIKER, SARAH	1355 Burdette Ave.
PISTLER, WILLARD C.	3233 Fairfield Ave.
POLLAK, CLARA	1504 Republic St.
POSEGATE, MRS. CHARLES	3637 Ault Park Rd.
POSNER, JENNIE S.	1350 Burdette Ave.
POSNER, SOPHIE	1350 Burdette Ave.
PRICKETT, ETHEL MAE	R. R. 17, Mt. Washington, O.
PRICKETT, WILLIAM HAROLD	R. R. 17, Mt. Washington, O.
PROBST, NORMA	311 Northern Ave.
PURCELL, ANN	845 Findlay St.
RABE, LEAH	4256 Williamson Pl.
REESE, MERIDITH M.	4352 Whistler Ave.
REINER, MILDRED	2134 Burnet Ave.
REISNER, ARTHUR G.	3590 Eden Ave.
REMKE, FRANK A.	4014 Glenway Ave.
RETALLICK, VAN B.	2004 Courtland Ave., Norwood, O.
RHEIN, ELSIE	932 Richmond St.
RICHMAN, FAY	622 W. Ninth St.
RIEMAN, EMMA JUSTINA	2215 Ohio Ave.
ROBERTSON, MARGARET MARION	3453 Vine St.
ROEDER, MRS. RELETTA WALTER	1906 Freeman Ave.
ROEHER, MILDRED	2389 Vine St.
ROSE, HARRIET N.	953 Richmond St.
ROSENBERG, MANUEL	The Central Y. M. C. A.

ROSENBLUM, GERTRUDE.....	2027 Auburn Ave.
ROSENDALE, GLADYS SELMA.....	2323 Flora Ave.
ROSENZWEIG, ANNA.....	814 W. 7th St.
ROSER, J. L.....	911 Central Ave., Newport, Ky.
ROSIN, DORA MINNIE.....	3550 Newton Ave.
ROOS, CARL AUGUST.....	2832 Linwood Ave.
ROTHSTEIN, ANNA.....	1360 Burdette Ave.
ROWE, MADELEINE E.....	789 N. Crescent Ave.
ROWE, MRS. STANLEY N.....	3444 Berry Ave.
RUCKER, LUCILE.....	R. R. 2, Ludlow, Ky.
RUDD, LENORE.....	The Burnet House
RUNNELLS, ALICE LOUISE.....	55 Mt. Pleasant Ave., Ft. Thomas, Ky.
ROEVER, DONALD OLIVER.....	809 York St., Newport, Ky.
RYBOLT, WALTER LAWRENCE.....	4216 32nd St.
SANDAU, BERTHA FREDERICKA.....	817 Hawthorne Ave.
SANDERS, JEAN.....	928 W. Court St.
SANTEN, HERMAN W.....	3913 Millsbrae Ave.
SAUER, ELEANOR C.....	Elmont Terrace
SCHAFFNER, JOHN GEORGE.....	2348 Victor St.
SCHENK, JESSIE L.....	126 E. Front St., Newport, Ky.
SCHERRER, CHARLOTTE MARIE.....	3112 Spring Grove Ave.
SCHUEYERMAN, LILLIAN.....	2931 Jefferson Ave.
SCHICK, JOHN MATTHEW.....	3017 Temple Ave.
SCHIEL, ELEANOR.....	3615 Middleton Ave.
SCHLAU, BERTHA.....	498 Mt. Hope Rd.
SCHMIDT, ALBERT HENRY.....	2723 W. 6th St.
SCHMEID, FLORENCE ANNA.....	3059 Hackberry St.
SCHNEIDER, HELEN JULIA.....	117 Inwood Pl.
SCHNEIDER, JASON JULIUS.....	3285 Daytona Ave.
SCHNEIDER, RUTH.....	3453 Cornell Pl.
SCHOENBERGER, ALMA CALLIE.....	1043 Purcell Ave.
SCHOENWANDT, EMMA HARRIET.....	3538 Beldare Ave.
SCHOSTAK, LOUIS HENRY.....	3414 Bishop St.
SCHRAGE, ANNA A.....	1166 Bates Ave.
SCHWARBERG, HAZEL MARGARET.....	635 Nelson Pl., Newport, Ky.
SCHWARZ, CONSTANTINE PROTIVS.....	309 Ludlow Ave.
SCHWINDT, HERMAN JOHN.....	3517 Bevis Ave.
SCOTT, ROSEMARY.....	2318 Maplewood Ave.
SEAMAN, HELEN.....	3450 Craig Ave.
SEAMAN, MYRTLE MARIE.....	3450 Craig Ave.
SECREST, FRANCES LOUISE.....	215 Gilman Ave.
SEGAL, MALKE.....	850 Blair Ave.
SEILER, EMMA CATHERINE.....	2817 Highland Ave.
SELTZERMAN, ROSE.....	142 W. McMillan St.
SHALLER, JOHN MICHAEL.....	123 Dorchester St.
SHEEHAN, ELIZABETH CATHERINE.....	744 Wayne St.
SHELTON, NANCY.....	1528 Greenup St., Covington, Ky.
SHEPARD, DEWEY BENNETT.....	1525 Lincoln Ave.
SHEPARD, MABEL LORAIN.....	4225 Grove Ave., Norwood, O.
SHIREY, THOMAS.....	608 W. 4th St.
SHOTT, MARION E.....	3511 Reading Rd.
SICKING, LAWRENCE ANTHONY.....	2331 Ohio Ave.
SLOANE, SARA NESHA.....	1053 Lockman Ave.
SMALL, VIRGINIA MARIE.....	1617 Brewster Ave.
SMITH, CHARLES EDISON.....	Grandview and Main, Clifton, Ky.
SMITH, HAZEL MAY.....	2517 Gilbert Ave.
SMITH, LILLIAN.....	2581 Sage Ave.

SMITH, MARIE	1680 State St.
SMITH, MRS. MARK P.	2 The Ortiz Bldg.
SNABLEY, VICTORINE	630 Neave St.
SNIDER, ALEXANDER	630 Garrard St., Covington, Ky.
SOCIN, CARROLL ROSEMARY	3547 Newton Ave.
SPINDEL, ED. JOHN	2227 Stratford Ave.
SPRINGMYER, LESSIE M.	R. R. 2, Westwood Station
STAHEL, LOUISE	123 E. 24th St., Covington, Ky.
STALL, RICHARD J.	2527 Bartlett Ave.
STALL, ROMILDA EMELIE	2527 Bartlett Ave.
STAUSS, PHOEBE HILDA	3640 Epworth Ave.
STEINHARDT, MARIE RYAN	2928 Marshall Ave.
STEINKAMP, ARTHUR JOHN	3546 Warsaw Ave.
STEMLER, EMIL W.	3011 Bellevue Ave.
STEPHENS, HELEN MARIE	3105 Murdock Ave.
STERNKORB, ALMEDA CATHERINE	4451 Colerain Ave.
STEVENS, CHRISTINA	1973 N. Main St.
STEWART, EMILY CHAPMAN	928 W. Eighth St.
STIRNKORB, HILDA J.	4451 Colerain Ave.
STOCKER, CLARA ANNA	39 W. McMillan St.
STOLLE, RALPH JOHN	19 Southgate Ave., Ft. Thomas, Ky.
STRASSER, CORA EMILY	226 Hosea Ave.
STRAUSS, ROSA G.	968 Burton Ave.
STRUBLE, ROSE	1 Dexter Pl.
SUDBRINK, ELLA SOPHIA	1374 Avon Pl.
SUDBRINK, LYDIA FREDRIKA	1374 Avon Pl.
SUCIETTO, JOHN HENRY	2332 W. McMicken Ave.
SWANSON, M. WYOLENE	3264 Beresford Ave.
SWEENEY, KATE MARY	Box 247, Foley Rd.
SWEENEY, EDWARD ALBERT	1836 Wayland Ave., Norwood, O.
TALLMADGE, HARRY	3257 Gilbert Ave.
TAVENDER, OTTILIA K.	678 Forest Ave.
TAYLOR, HARRY EDWARD	R. F. D. 14, Mt. Healthy, O.
TAYLOR, HELEN H.	34 The Alexandra Apts.
TEALEN, IRENE LORETTA	2234 Park Ave.
TEALEN, OLIVE RUTH	2234 Park Ave.
THORNBURY, MILDRED MARY	3630 Trimble Ave.
TIBBLES, MARY ELLEN	932 E. McMillan St.
TIEMAN, AMY MARY	4109 Ivanhoe Ave., Norwood, O.
TINGLEY, ETHEL MILDRED	6104 Navarre Pl.
TOMASSENE, ALICE ELIZABETH	3315 Jefferson Ave.
TOTTLEBEN, GRACE J.	425 Bank St.
TRAVER, FLORENCE	3534 Stettinius Ave.
TREADWAY, BERNARD O.	529 Prospect Pl.
UHRENHOLDT, JOHANNA D.	2154 Sinton Ave.
ULMER, IDA	3108 Jefferson Ave.
UNRICH, FLORA	3028 Cleinview Ave.
VAN CLEEF, ARTHUR	2446 Wilson Ave.
VANDERVORT, MARY ELIZABETH	The Anna Louise Inn
VON BENKEN, JOSEPH BERNARD	2674 W. 6th St.
VORDEMFELDE, MAYME LOUISE	404 Tillotson Ave.
VORDENBERG, EMMA	1045 Purcell Ave.
VORDENBERG, RUTH ANNA MARIE	1045 Purcell Ave.
WACKER, HERBERT RUDOLF	6631 Windward St.
WAGENER, KATE V.	23 E. Rochell St.
WAHL, CLARA	107 W. McMillan St.
WAHN, RUTH ANNA	3251 Glendora Ave.

WALKER, ADAM LOUIS.....	461 Dayton St.
WALKER, MRS. GEORGE WILFRED.....	175 Woolper Ave.
WALKER, GEORGE WILFRED.....	175 Woolper Ave.
WALKER, GRACE ISABELLA.....	425 Southview Ave.
WALKER, HELEN MAY.....	4311 Franklin Ave., Norwood, O.
WARE, MRS. ELMER PETTY.....	1825 Scott St., Covington, Ky.
WARE, ELMER PETTY.....	1825 Scott St., Covington Ky.
WARWICK, PEARL MARIE.....	828 Beecher St.
WATERS, G. BAIN.....	5086 Turrill Ave.
WAYNE, BESS MAE.....	The General Hospital
WEBER, HELEN.....	10th and Park Sts., Newport, Ky.
WEBER, WALTER LOUIS.....	11 Blue Grass Ave., Ft. Thomas, Ky.
WEGERT, EDGAR ARTHUR.....	1226 Quebec Rd.
WEHRLEY, GERALDINE LEE.....	1805 Brewster Ave.
WEINBERG, SELMA.....	The Wyoming Bldg.
WEIS, MAX.....	326 Lilienthal Ave.
WEISBROD, FRED WILLIAM HENRY.....	3617 Dawson Ave.
WEISHAAR, IRENE.....	1722 Brewster Ave.
WELLER, HENRY JOSEPH.....	1314 Main St.
WENNER, WILLIAM MCKINLEY.....	29 E. St. Clair St.
WEST, JANETTE.....	824 Beecher St.
WESTERLUND, AGNES.....	322 Forest Ave.
WESTERMAN, HELEN HARRIET.....	1308 Beech Ave.
WETHERILL, TRUE.....	The General Hospital
WHARTON, ELEANOR LOGAN.....	783 Summit Ave.
WHITAKER, GRACE MARGARET.....	6102 Montgomery Rd.
WHITE, ELLA.....	2933 Montana Ave.
WHITE, SARA JOSEPHINE.....	2933 Montana Ave.
WHITE, SARAH HARRIET.....	1319 Lincoln Ave.
WILDER, EUGENIA.....	3023 Temple Ave.
WILLIAMS, EVALYN.....	2531 Ingleside Pl.
WILLIAMS, NAOMI.....	4109 29th St.
WILLS, ELIZABETH AGNES.....	976 Oakland Ave.
WILSON, NORMA TAYLOR.....	10 Park Apts , Park Ave.
WINKELMAN, IDA.....	3160 Glendora Ave.
WISE, CELIA.....	1363 Chapel St.
WOESTE, LUCILLE.....	2027 Hewitt Ave.
WOODSON, VIRGINIA ELIZABETH.....	112 W. 65th St.
WUEST, BETTY SOPHIA.....	2613 Dennis St.
WULFMAN, SELMA ELENORE.....	727 Delta Ave.
WULFHORST, FLORIDA.....	4302 Greenlee Ave., St. Bernard, O.
WYNNE, KATHERINE.....	427 Hopkins St.
YOUNG, LAWRENCE EDWARD.....	1632 Freeman Ave.
YOUNG, PHILIP CHARLES.....	3960 Clifton Ave.
ZETTL, CARL HENRY.....	3556 Wilson Ave.
ZIEGLER, JULIA ANN.....	488 Crestline Ave.
ZIEGLER, PHILIP EARL.....	488 Crestline Ave.
ZIMMERMAN, ELIZABETH JANE.....	263 Ershaw Ave.

COLLEGE FOR TEACHERS

REGULAR STUDENTS

Fifth Year

AGER, ROBERT BARRINGTON.....	1956 Kinney Ave.
ASCHAM, MARGARET.....	519 Forest Ave.
ATKINS, ETHEL LOUISE.....	4137 Forest Ave., Norwood, O.

BAILEY, JESSIE MURRAY	127 Huntington Pl.
BOTTIGHEIMER, HELEN ROSE	823 Lexington Ave.
BREUER, ELMA	2506 Galvin Ave.
BROTTON, BEULAH [ELA]	127 Huntington Pl.
BROWN, GINCIE BERNICE	222 McGregor Ave.
COHN, BERTHA	817 Mann Pl.
DEWEES, EDNA [ELA]	1429 Sycamore St.
DOLLE, MARION E.	Colerain Pike
FERRIS, MILDRED ZORELDA	3457 Linwood Rd.
FUSSHIPPEL, MARTHA	2556 Moormann Ave.
HENDRICKS, ALICE TRUITT	3105 Paxton Rd.
HESTERBERG, ALINE JULIA	248 Senator Pl.
HOLMAN, MARION WORKSUM	9 Cumberland Apts.
KOPPENHOEFER, HAZEL LOUISE	3417 Warsaw Ave.
LAMMERS, HELEN CAROLINE	2797 Montana Ave.
LESLEY, FRANCIS	722 E. Sixth St.
LINDNER, KATHRYN LEHRER	Glendale, O.
POYSELL, DOROTHY MARIE	839 E. Ridgeway Ave.
RHODES, IDA MAY VIRGINIA	836 Clinton St.
RIECKELMAN, IRENE	2519 Erie Ave.
RUNYAN, RUTH VAN PELT	Methodist Home, College Hill
SCHUEVERMAN, ESTHER ANNE	2931 Jefferson Ave.
SCHMEUSZER, HENRIETTA KATHERINE	4818 Greenlee Ave., St. Bernard, O.
SCHULZE, HELEN ANNA	334 Ludlow Ave.
SCHWARZ, ANNETTA DOROTHY	1940 Clarion Ave.
SHAFFER, SUSAN LEWIS	2260 Park Ave.
SMITH, FRANCES	Delphi, Ind., and 2797 Montana Ave.
SMITH, MABEL LEAKE	538 Scott St., Covington, Ky.
TRACY, INEZ	408 Southview Ave.
WALKER, HELEN COOPER [ELA]	3240 Beresford Ave.
WEINBERGER, EVELYN [ELA]	867 Hutchins Ave.
WEIR, RUTH LUCILLE	6233 Cary Ave.
WHEELER, ALFRED GUY	2381 Warsaw Ave.
ZETTEL, WINIFRED	3303 Menlo Ave.

Seniors

BAKER, HELEN EVANGELINE	104 E. University Ave.
BARR, MILDRED	3128 Griest Ave.
BAUER, LOUISE KATHRYN	1840 Kinney Ave.
BRITNEY, DOROTHY VAN WINKLE	3655 Middleton Ave.
BROTTON, INEZ ERNESTINE [ELA]	127 Huntington Pl.
BRUNHOFF, ELSE H.	215 Forest Ave.
COLDEWEY, HELEN ELISE	East Side Ave.
CONNER, VIRGINIA LEE	2546 Ingleside Ave.
DYSART, DOROTHY ROSS	2951 Madison Rd.
FULTON, HELEN MARGARET	475 Stanley Ave.
GAHR, FLORENCE ORMOND	3434 Mooney Ave.
HALL, VIOLA [ELA]	3811 Floral Ave., Norwood, O.
HODGE, ANNA ELIZABETH	6363 Grandvista Ave.
HOFFMAN, HELEN ELIZABETH	417 Warren Ave.
HOLDEN, NANA	A l'Aise Bldg.
KESTNER, LEONA HENRIETTA	525 N. High St., Lawrenceburg, Ind.
KLEIN, ELIZABETH HIGBEE [ELA]	4704 Simpson Ave.
KROENCKE, ANNA FRIEDA	Ridge Ave.
LLOYD, CICELY BURT	Terrace Park, O.
NEWMAN, PHYLLIS CAROLINE	4811 Winton Rd.

POCHAT, LOUISE	4228 Floral Ave., Norwood, O.
POTTINGER, ELLA [ELA]	3323 Orion Ave.
RITZI, EDNA MARGARET	14 Juergens Ave.
SCHEIFFELE, CORINNE ELIZABETH	3519 Mooney Ave.
SUTER, ELIZABETH [ELA]	2308 Rohs St.
ZEHLE, EMMA	2538 Hackberry St.

For other Seniors who are planning to teach [49 in number] see the list of Seniors in the College of Liberal Arts marked "TC."

Juniors

BELMER, ELIZABETH HELEN	1833 Fairmount Ave.
BOEBINGER, MIRIAM JOY	2521 Ritchie Ave.
BURK, HAZEL CORENE	742 Hawthorne Ave.
BURNS, MARY ISABEL	R. R. No. 1, Madisonville
DOLLE, ANITA ROSE	Colerain Pike
DOWNER, MILDRED MARY	3722 Woodland Ave.
EVANS, BEATRICE KAHLE	180 Woolper Ave.
FAULHABER, DOROTHY MARY [ELA]	520 Fourth St.
FELL, ALICE	1434 Pullan Ave.
FILLMORE, HANNAH LOCKWOOD	Terrace Park, O.
FINKE, MARY ELIZABETH	419 Resor Ave.
GRADOLF, DOROTHY	3783 Millsbrae Ave.
LAWRENCE, BEULAH [ELA]	111 E. Auburn Ave.
MERKLE, FLORENCE EDITH	3522 Stettinius Ave.
MERRY, CHARLOTTE MULALLY	The Parkside
NICKERSON, MARY LOUISE	10 Bella Vista Pl.
PADDACK, EDITH FRANCES	559 Purcell Ave.
SACHS, DOROTHY LILLIAN	815 Glenwood Ave.
SNYDER, CORINNE JULIETTE	Liberty, Ind., and 2334 Ashland Ave.
VALERIO, CLARA	818 Glenwood Ave.
WEBER, HELEN LILIAN	388 Terrace Ave.
WILLIAMS, FRANCES CORINNE	3405 Paxton Rd.
WOLFSTEIN, ISABELLE MARGERY	2741 Observatory Rd.

For other Juniors who are planning to teach [26 in number] see the list of Juniors in the College of Liberal Arts marked "TC."

Sophomores

BERRY, ROSEDA DOROTHEA	2509 Chatham St.
KELLER, EDNA MARGARET	3730 Woodland Pl.
LANGDON, SYDNEE ELIZABETH	2038 Beechmont Ave.
McDEVITT, MARY	275 McCormick Pl.
MEAKIN, SARAH AMY	3316 Fairfield Ave.
MILLER, GERTRUDE EMILY	523 Evanswood Pl.
ROCKEL, ESTHER MARIE	1875 Hewitt Ave.
SCOTT, EMILY CILLEY	2932 Urwiler Ave.
SEILKOP, NORMA MARGARITE	2932 Minot Ave.
SHORTEN, CHARLOTTE REBECCA	309 E. Third St., Newport, Ky.

Freshmen

ATKINS, IDA LOVELL	1329 Yarmouth Ave.
BECKY, IRMA EDNA	250 Hosea Ave.
BEASLEY, GEORGIA ELIZABETH	1320 Lincoln Ave.
COBB, PLUMA	4150 Reading Rd.

DeROUDE, ADA.....	2266 Schoedinger Ave.
GOODMAN, SARAH.....	3441 Hallwood Pl.
GRANT, AMY JULIAN.....	Butler, Ky.
HADDEN, MARTHA G.....	6010 Preston St.
ISHAM, MARY LOUISE.....	4239 Erie Ave.
KAISER, OLIVE EDWARDS.....	R. F. D. No. 1, Madisonville
KELLEY, MARGARET DEMING.....	3217 Reading Rd.
KLINKENBERG, FLORENCE.....	3420 Burch Ave.
LANDEN, MARION BISHOP.....	3015 Mathers Ave.
LEIGHTY, MARION BIRD.....	3438 Price Ave.
LIEBENROOD, LILLIAN ADA.....	126 Kinsey Ave.
MARTIN, ADA RUSSELL.....	312 Ludlow Ave.
MULLIKEN, MARY LOUISE.....	3001 Observatory Rd.
PACK, THEO. ABILENE.....	227 Ludlow Ave.
ROSENBERG, HELEN LEA.....	29 Landon Court
SCHEPMAN, GRACE CHARLOTTE.....	5403 Ravenna St.
SCHURIG, MARGARET ANNA.....	1526 Lincoln Ave.
SILVERSTEIN, RUTH HELEN.....	4039 Rosehill Ave.
SMITH, BERNICE IRIS.....	2421 McMicken Ave.
VAN DERMARK, CATHERINE ELIZABETH.....	8367 Wiswell Ave.
VAN HORN, PAULINE.....	Batavia, O., and 2140 Auburn Ave.
WEISER, FLORENCE SARAH [ELA].....	1027 Wesley Ave.
WINN, JULIA MARTIN.....	425 Garrard St., Covington, Ky.
WOLF, DOROTHY E.....	1338 Locust St.
WOOD, ALICE.....	3601 Michigan Ave.
WRIGHT, MARJORIE.....	3301 Stettinius Ave.

CANDIDATES FOR A DIPLOMA

Second Year

BOCKHOIT, JEANNETTE.....	2616 W. Sixth St.
FARLICE, MARCELLA.....	215 Walnut St., Elmwood Place, O.
FISH, MARJORIE.....	Jacksonville, Fla., and The Conservatory of Music
FUNK, ISABELLE.....	3408 Harvey Ave.
GARDNER, VIRGINIA [ELA].....	549 W. Seventh St.
GILLHAM, LUELLA EDITH.....	4025 Grove Ave., Norwood, O.
GORDON, GOLDIE.....	3301 Drexel Pl.
HAILE, MARGARET SEELY [ELA].....	49 E. McMillan St.
POWELL, AMY ARNOLD [ELA].....	3 Lane Seminary
WALSH, FRANCES LOUISE.....	3570 Shaw Ave.
WATERMAN, EDNA MAE [ELA].....	724 Oak St.
WHEATLEY, KATHERINE BERTHA [ELA].....	314 Cleveland Ave., St. Bernard, O.
WOOD, RUTH BERDINIA.....	R. R. No. 1, Mason, O.

First Year

BOUND, MILDRED LUCILE.....	2066 Sutton Ave.
DAVIS, DOROTHY RACHEL.....	525 E. Fourth St., Newport, Ky.
EGAN, DOROTHY MAY.....	965 Enright Ave.
FOERTMEYER, ALMA GRACE.....	3562 Shaw Ave.
HOUCHINS, THELMA NAOMI.....	R. R. No. 10, Plainville Pike, O.
GOLDBERG, SARAH.....	1978 Kinney Ave.
HILL, BEATRICE.....	942 Churchill Ave.
HYNDMAN, MAYBELLE.....	6594 Commercial Ave.
KEPLER, GENEVIEVE.....	2513 Lysle Lane, Norwood, O.

MASON, LOUISE	710 Betts St.
MILLER, BERTHA ELIZABETH	98 Washington Terrace
NEUFARTH, MARY H.	Mt. Healthy, O.
PHILLIPS, HELEN OSLAND	83 Highland Ave., Ft. Thomas, Ky.
POLLITT, MARY CATHERYN	624 Lincoln Ave.
POETKER, CECILE HELEN	310 Albany Ave.
POTTS, MARY ELIZABETH	267 Gilman Ave.
RUSSELL, FLORENCE MARION	581 Grand Ave.
SORENSEN, SYLVIA	3812 Floral Ave., Norwood, O.
TAYLOR, MARY BETTY	1342 Lincoln Ave.
WOOD, MYRTLE MARIE	3607 Newton Ave.

SPECIAL STUDENTS

COHEN, ROSLYN	712 Gholson Ave.
DENISON, ALICE LUCY	3154 Harvey Ave.
WATERMAN, RUTH ELIZABETH [ELA]	2706 May St.
WEILER, MRS. HARRY MAJOR	945 Burton Ave.

TEACHERS

BACON, STELLA BROWN	1821 Williams Ave., Norwood, O.
BANN, HELEN	College Hill Station
BEINHART, FRIEDA MARIE	1264 Elm St.
BELL, MARGARET ELOISE [ELA]	2647 Alms Pl.
BELT, HELEN REBECCA [ELA]	3743 Drake Ave.
BENNETT, OMER HIBBEN [ELA]	3822 Davis Ave., Cheviot, O.
BENNETT, THOMAS TELFORD [ELA]	3830 Davis Ave., Cheviot, O.
BERNING, JULIA MARIE	1140 Cedar Ave.
BOGART, SOPHIA ELIZABETH	4718 Ward St.
BOUND, ELIZABETH	2066 Sutton Ave.
BROGAN, EMMA [ELA]	1 Bella Vista Pl.
BUTLER, BERTHA C.	North Bend, O.
CALDWELL, LEAH MIRIAM	3029 Moosewood Ave.
CALIMAN, WILLIAM MOSES	2618 Kemper Lane
CARTER, EMMA SAVAGE [ELA]	512 Oak St., Wyoming, O.
CONRAD, ERNA [ELA]	1109 Carson Ave.
COUZZINS, FLORENCE FRAZEE [ELA]	528 Clark St.
CULBERTSON, BERNICE FRANCES	Twenty-first and Monmouth Sts., Newport, Ky.
CUNNINGHAM, CLARA	Harrison Ave., Cheviot, O.
DAVIES, SAVANNAH ANNA	24 E. 11th St., Newport, Ky.
DAVISON, MARJORIE NAN	627 Oak St., Harrison, O.
DENNISON, GENEVIEVE	524 Hickman St.
DICKSON, KATE	3141 Beech Ave., Latonia, Ky.
DIECKMAN, ALMA	2243 Spring Grove Ave.
DIECKMAN, ELSA PAULINE	2243 Spring Grove Ave.
DOWNARD, MARY	Anna Louise Inn
DRAYTON, LILLIAN FULLER [ELA]	3239 Beresford Ave.
DUNLAP, MARIE BARNES [ELA]	46 W. Fifth St., Covington, Ky.
DURST, LYDIA	261 McCormick Pl.
EARHART, LAURA JOHNSON	612 Wyoming Ave., Lockland, O.
ERVIN, MARY ANNA	Hillsboro, O., and 510 Melish Ave.
FABER, ALICE GERTRUDE	2916 Urwiler Ave.
FAHLBUSH, KATHERINE AUGUSTA	129 E. Fifth St., Newport, Ky.
FARMER, BEULAH BEVELIERE	916 W. Court St.
FELDMAN, ERNA M.	1622 Scott St., Covington, Ky.

FLEMING, HELEN	300 Piedmont St.
FLEMING, NATHAN ANDREW	1524 Madison Ave., Covington, Ky.
FITZSIMMONS, CATHERINE MARY [ELA]	Grant and Sheridan Aves., Ft. Thomas, Ky.
FORDYCE, CLYDE HARRELL	2329 Park Ave., Norwood, O.
FOSTER, ADDIE BELLE [ELA]	1036 Mount St.
FRAZIER, SALLIE P.	1241 Lincoln Ave.
FRIASON, HENRIET LA VERNE [ELA]	2916 Montfort St.
GEISLER, MARGARETHE	463 Riddle Rd.
GREBNER, OSCAR WILLIAM [ELA]	2419 Hudson Ave., Norwood, O.
GRIESE, ANNA MARY	2933 Gerrard St.
GRIMES, BEATRICE	North Bend, O.
HALE, IRENE GRAY	746 Hand Ave.
HANSON, ELIZA MAUD	119 E. Eighth St., Covington, Ky.
HARPER, GRACE BATHIA	828 Maple Ave., Newport, Ky.
HARRIS, MARION B.	Gilbert Apts.
HAUCK, HELEN CONSTANCE [ELA]	1820 Brewster Ave.
HAWKINS, NANCY E. [ELA]	733 W. Court St.
HAYES, MILDRED MABEL	Lawrenceburg, Ind.
HERRLE, KARL	3414 Telford Ave.
HICKOK, KATHERINE CRAMER	1509 Madison Ave., Covington, Ky.
HOTCHKISS, AVIS GURDENE	3618 Woodford Rd.
HOUSH, FRANCES RUTH	5613 Abbotsford Pl.
HOUSTON, ANNIE MAY	8430 Wayne Ave.
HUGI, ELIZABETH	505 Cooper Ave., Lockland, O.
JONES, HAZEL LUCAS	414 Richmond St.
JONES, WINIFRED	2151 Fulton Ave.
KNIGHT, LAURA TROY [ELA]	1076 W. Liberty St.
KOPP, CHARLES A. [ELA]	3616 Woodbine Ave., Cheviot, O.
KRUEGER, JUSTINE	2222 Sliker Ave.
LaMAY, ETHEL ROBERTA	5310 Ravenna St.
LAMB, NANNIE JEANNETTE [ELA]	335 Fourth Ave., Dayton, Ky.
LEMBERT, FLORA [ELA]	516 W. 12th St., Newport, Ky.
LESLIE, ESTHER	2723 Woodburn Ave.
LEWIS, DOLLE ELIZABETH	2921 Urwiler Ave.
LODWICK, EDNA MAY	4836 Eastern Ave.
LUSE, CORA EDITH	Mt. Healthy, O.
McBIRNEY, RUTH	4127 Forest Ave., S. Norwood, O.
MCCARTNEY, ARCH DUFF	2931 Jefferson Ave.
MCDONALD, MARY LUCILLE [ELA]	1367 Burdette Ave.
MADDOX, FLORA RICH	3212 Harvey Ave.
MARRS, GRACE	1509 Madison Ave., Covington, Ky.
MASSENBERG, DELLA	1210 Chapel St.
MATTOX, CLARENCE CECIL	Felicity, O.
MYERS, CORA	2126 Auburn Ave.
NAEHER, ANNA LOUISE	448 Considine Ave.
OELRICH, MARGARET CATHERINE [ELA]	2035 Greenup St., Covington, Ky.
ORTMAN, CARRIE EDITH	4021 Allston Ave.
OVERBECK, ANNA	624 Pedretti Ave.
OWEN, BYRDA MAY	107 Garfield Pl.
PANCOAST, ETHEL A.	3331 Hackberry St.
PARHAM, GRACE H. [ELA]	1237 Lincoln Ave.
PARKER, JESSIE ELIZABETH [ELA]	645 Linden Ave., Newport, Ky.
PIERMAN, ALMA FLORENCE	2224 Monroe Ave., Norwood, O.
PISTORIUS, EMILY	755 Whittier St.
PRING, ESTHER GERTRUDE	354 Baum St.
PYLE, MARGARET ELIZABETH [ELA]	1539 Scott St., Covington, Ky.
RASCHIG, ADELE LOUISE	2535 Stanton Ave.

RATTERMAN, HILDA ELIZABETH [ELA]	1532 Elm St.
REISNER, ARTHUR GUSTAV	3590 Eden Ave.
RIEHLE, FANNIE [ELA]	3503 Vine St.
RYAN, SHIRLEY BURDETTE	1420 Chase Ave.
RYDER, OLIVE LOVE [ELA]	3275 Graff Ave.
SAMUELS, SADIE MARGARITE [ELA]	1736 Baymiller St.
SANFORD, ANNA	1243 Chapel St.
SCHWARBERG, BERYL LOUISE	635 Nelson Pl., Newport, Ky.
SCHMIDT, FLORENCE [ELA]	2878 Dirheim Ave.
SHARON, JESSIE DORTHA [ELA]	415 Columbia St., Newport, Ky.
SHIGLEY, CELESTINE LIDA	843 E. Ridgeway Ave.
SHUTTS, MARIE	2063 Elm Ave., Norwood, O.
SMITH, JEWELL REBECCA	232 E. Robbins Ave., Covington, Ky.
SPOONER, BEATRICE	Glendale, O.
SPRINGER, CHARLES	345 Tusculum Ave.
STACEY, CLARA M.	4718 Ward St.
STRUBLE, CLARENCE AUGUSTUS [ELA]	R. R. No. 14, Mt. Healthy, O.
SULLIVAN, ANNA MARIE	5638 Abbotsford Ave.
TALIAFERRO, ELLA	Erlanger, Ky.
TAYLOR, ARTHUR	4404 Whetsel Ave.
TAYLOR, ARTYE	1243 Chapel St.
TAYLOR, CLARA WILLIS	1349 Lincoln Ave.
TOBIN, HELEN ISOBEL [ELA]	802 Maple Ave., Newport, Ky.
TOBIN, MARY VALLA	2819 Kinoll Ave.
UFFELMAN, LUCILLE ADA	3428 Glenmore Ave.
UNZICKER, CECELIA ELIZABETH	627 Oak St.
WALKE, NELSON SUMTER [ELA]	123 Huntington Pl.
WEST, FRANCES J.	724 Central Ave., Newport, Ky.
WHALEY, LETTIE SUTTON [ELA]	1725 Madison Ave., Covington, Ky.
WILKERSON, LEON CLYDE	Glendale, O.
WILLIAMS, CATHARINE	116 Lynn St., Covington, Ky.
WILSON, ARTHUR LAURENCE [ELA]	Newtown, O.
WORTHINGTON, MADELINE [ELA]	528 Clark St.
WRIGHT, PEARL MAE	811 Lincoln St.

STUDENTS IN VOCATIONAL EDUCATION

COCKREM, HELEN LOUISE	Cleveland, O., and Anna Louise Inn
FRASER, MARY AGNES	Anna Louise Inn
GLUECK, MYRTLE	Cleveland Heights, O., and Anna Louise Inn
HILL, JESSIE	Oberlin, O., and Anna Louise Inn
KANE, FLORENCE	272 Parkway Ave.
KETCHEM, DOROTHY	Milford, O.
MURDOCK, EDITH H.	3414 Osage Ave.
SHAFFER, LUCY K.	2260 Park Ave.

This list includes only those students asking for University credit. In addition are the following:

Teachers in Training	68
Industrial Executives	41
Foremen	118

COLLEGE OF ENGINEERING AND COMMERCE

REGULAR STUDENTS

Seniors

ADDISON, GRIFFITH THOMAS.....	3136 Hackberry St.
ALLAN, DONALD.....	2781 Dirheim Ave.
ALLEN, GLENN HAROLD.....	Washington, D. C., and 266 Senator Pl.
ARNOLD, GEORGE MATHIAS.....	Escanaba, Mich., and 2437 Clifton Ave.
BAILEY, HERBERT POLSON.....	3438 Durey Ave.
BENZING, GORDON OAKLEY.....	Hamilton, O., and 2358 Stratford Ave.
BRAULT, RICHARD HENRI.....	St. Malo, France, and 2521 Auburn Ave.
BROCKMAN, NORBERT CLEMENT.....	3559 Newton Ave.
CURTISS, HOWARD CROSBY.....	Athens, Pa., and 2437 Clifton Ave.
DAVIS, CORWINE SPALDING.....	1422 Greenup St., Covington, Ky.
DEARDORFF, HAROLD EMERSON.....	Dayton, O., and 152 W. McMillan St.
DE GINTHER, CHARLES WILLARD.....	3301 Hardisty Ave.
DIEFENBACH, LOWELL TOMAN.....	West Alexandria, O., and 2535 Stratford Ave.
DOUTHIT, GEORGE RANDOLPH.....	Sioux Falls, S. Dak., and 176 W. McMillan St.
EASLEY, MODIE WILSON.....	3087 Markbreit Ave.
EDMONSTON, JOSEPH RICKETTS.....	460 Crestline Ave.
EILERS, HENRY GEORGE.....	380 Howell Ave.
GARRISON, STUART RICHEY [ECC].....	2938 Urwiler Ave.
GEIS, ROBERT LEROY.....	530 Davenport Ave.
GEST, HENRY.....	2144 Grandin Rd.
GLEESON, FRANCIS MARTIN.....	29 Woodsdale Ave.
GRAUER, LADRU ORON.....	Springfield, O., and 2503 Auburn Ave.
GUILDAY, JOHN WILLIAM.....	Xenia, O., and 2503 Auburn Ave.
HEENA, CARL RAYMOND.....	915 Race St.
HOLLISTER, LEONARD COCHRAN.....	Sheridan, Wyo., and 266 Senator Pl.
HOUSE, EDWIN RALPH.....	2426 Hudson Ave., Norwood, O.
HOWE, RALPH C.....	Hamilton, O., and 2521 Auburn Ave.
JANDER, JOHN.....	Buffalo, N. Y., and 58 Hollister St.
KEEVER, HERBERT KOHL.....	3156 Glendora Ave.
KIEFNER, FRANK WILSON.....	Perryville, Mo., and 3411 Clifton Ave.
KLOPP, NORMAN FRANCIS.....	Oregon, Mo., and 32 W. McMillan St.
KOEPPEN, HAROLD HENRY.....	Milwaukee, Wis., and 309 Ludlow Ave.
KOSKI, ELMER JACOB.....	Waterford, Conn., and 40 E. McMillan St.
KRAEMER, ERWIN ALBERT.....	311 Oregon St.
MCCLURE, ARTHUR WILLIAM.....	Dayton, O., and 2210 Ohio Ave.
MCCUNE, RONALD.....	Muskogee, Okla., and 176 W. McMillan St.
MANSON, RENE JOSEPH.....	Tinchebrai, France, and 538 Howell Ave.
MEREDITH, WILLIAM PAUL.....	2616 Marsh Ave., Norwood, O.
MYERS, JAMES EARL.....	1830 Fairfax Ave.
MILLS, FRANK F.....	5815 Wyatt Ave., Kennedy Heights
MINNIUM, BYRON BIDDLE.....	Meadville, Pa., and 2210 Ohio Ave.
MORRISON, FRANK WILLIAM.....	1610 Mansfield St.
NOBLE, JOHN IRVINE.....	Peoria, Ill., and 2210 Ohio Ave.
NUEZEL, ELMER, FREDERICK.....	2512 Moorman Ave.
OLINGER, STANTON.....	255 Albion Pl.
OTT, REUBEN ERVIN FREDERICK.....	120 W. McMillan St.
PETREE, JAY R.....	Oregon, Mo., and 176 W. McMillan St.
PINGON, ANDRE CHARLES.....	Vaivre, France, and 3457 Oxford Terrace
PIPER, ROBERT NEAL.....	1334 Meier Ave.
PLUEDDEMANN, HUGO REINHART.....	448 Ada St., California, O.

POPE, HOWARD LOUIS.....	3819 Drake Ave.
RICE, JOSEPH KELLOGG.....	Monroeton, Pa., and 2210 Ohio Ave.
RITZI, JOHN HENRY.....	14 Juergens Ave.
ROBY, CHARLES FOY.....	Wooster, O., and 125 W. McMillan St.
RODGERS, GEORGE KERSHAW [ECC].....	Fall River, Mass., and 176 W. McMillan St.
ROSHONG, ROY GEORGE.....	Canton, O., and 2210 Ohio Ave.
SALKOVER, NICHOLAS MANN.....	256 Ehrman Ave.
SARVIS, ROBERT GUYLE FENTON.....	8315 Curzon Ave.
SCHNEIDER, MATTHEWS SIMPSON.....	Odebolt, Ia., and 2824 Dennis St.
SCHOELWER, WILLIAM BRAZELL.....	3605 Edwards Rd.
SHOEMAKER, GLENN ELBERT.....	Winchester, Ind., and 150 W. McMillan St.
SMEDLEY, ANDERSON B.....	Mt. Healthy, O., and 3120 Glendora Ave.
SMITH, WILLIAM FURBER.....	3773 Lueders Ave.
SPLAIN, WALTER EDWARD.....	1787 E. McMillan St.
STACKHOUSE, HOWARD LEIGH.....	Fostoria, O., and 2503 Auburn Ave.
STEWART, RUSSELL ELLIOTT.....	140 W. University Ave.
STEINMAN, WILLIAM NICHOLAS.....	4237 Williamson Pl.
STOKES, EDWARD NICHOLAS.....	2363 Ohio Ave.
THEIS, CHARLES VERNON.....	1113 Vine St., Newport, Ky.
TOWNSEND, MERRILL.....	Gordon, O., and 2521 Auburn Ave.
WAGNER, BERZELIONS STEPHEN.....	215 E. 18th St., Covington, Ky.
WALKER, RANDALL EDWIN.....	1221 Halpin Ave.
WATTS, THOMAS RAYMOND.....	Winchester, Ind., and 27 Lakewood Ave.
WILLIAMS, HARRY BACKUS.....	Quincy, Mass., and 3778 Drake Ave.
WISBEY, GEORGE THOMAS.....	1044 Scott St., Covington, Ky.
WOELFLIN, WILLIAM, JR.....	Louisville, Ky., and 3110 Imperial St.

Juniors

ALCORN, HERBERT SMEAD.....	21 Worthington Ave., Wyoming, O.
ALLEN, C. EASTON.....	427 Chestnut St.
AMES, IRVING MORRIS.....	Newark, N. J., and 3110 Imperial St.
ARNOLD, CHARLES FREDERIC.....	Harrison, O., and 538 Howell Ave.
ASHTON, ROLAND C.....	3471 Montgomery Rd.
BARDES, CALVIN EUGENE.....	2880 McKinley Ave.
BERTSCH, FREDERICK WILLIAM.....	27 Lakewood Ave.
BILLARD, GORDON Y.....	Brooklyn, N. Y., and 2437 Clifton Ave.
BISHOP, WALTER WOOD, JR.....	Dayton, O., and 2210 Ohio Ave.
BRADLEY, ERIC HEYWOOD.....	Brooklyn, N. Y., and 1912 Young St.
BRADNER, JAMES W.....	Ashland, Ky., and 3442 Brookline Ave.
BROWN, CARLTON E.....	1234 Loudon Ave.
BROWN, JOHN EDGAR.....	3425 Boudinot Ave.
BURNETT, RALPH CLIFFORD.....	313 Crestline Ave.
BURT, ROBERT V.....	3822 Drake Ave.
CHUNG, HENRY U. K.....	Hong Kong, China, and 2515 Ohio Ave.
CLARK, OLPHA SIMPSON.....	Dayton, O., and 2048 Auburn Ave.
CLOYS, MARION LEE.....	4214 34th Ave.
CRANE, ROBERT STATLER.....	Springfield, O., and 176 W. McMillan St.
DAVE, JOE.....	Durham, N. C., and 2623 Eden Ave.
DENHAM, THOMAS WYATT.....	3718 Columbia Ave.
DEUTSCH, ZOLA GOTTHARD.....	3600 Wilson Ave.
DODS, HENRY JOHN.....	6001 Kennedy Ave.
DUNKLE, WILLIAM FREMONT.....	Haddonfield, N. J., and 266 Senator Pl.
DURBIN, EDWARD DAVID.....	314 E. University Ave.
ERNST, ALBERT EDWARD.....	1714 Vine St.
ERNST, MAURICE ESTES.....	266 Senator Pl.
ESHBAUGH, JESSE EVERETT.....	Dayton, O., and 3110 Imperial St.

EUBANKS, JAMES THOMAS.....	2334 Highland Ave.
EVANS, JOHN PFAFF.....	216 Wilmuth Ave., Wyoming, O.
FAY, EVERETT DEWEY.....	Woodhill, Ill., and 39 W. McMillan St.
FINLEY, ROBERT EARL.....	Nelsonville, O., and 2315 Ohio Ave.
FISHER, HARRY CHESTER.....	2276 Spring Grove Ave.
FITZGERALD, PERCY HENRY.....	Fitchburg, Mass., and 2437 Clifton Ave.
FLEMING, THOMAS C.....	Butler, Pa., and 266 Senator Pl.
FROWE, CHESTER EDWIN.....	1720 Fairfax Ave.
FULLER, WILLIAM MAXWELL.....	2437 Clifton Ave.
FULNER, RAYMOND LESLIE.....	925 Columbia St., Newport, Ky.
GEIS, NORWOOD CHARLES.....	1528 Gilpin Ave.
GLEASON, JOHN FRANCIS.....	3118 W. 6th St.
GLICKSBERG, HYMAN ELI.....	5 Le Roy Court
GOLDSTEIN, REUBEN.....	Kansas City, Mo., and 2623 Eden Ave.
GOSS, RICHARD M.....	Purdy, Va., and 266 Senator Pl.
GRAVES, HERBERT CORNELIUS.....	Washington, D. C., and 2711 Glendora Ave.
GREGORY, LEWIS JOEL.....	Demopolis, Ala., and 176 W. McMillan St.
HALLER, KARL RAYMOND.....	Dayton, O., and 3110 Imperial St.
HANAUER, CHARLES HUNT.....	1881 Taft Rd.
HAVELAAR, WILLIAM CHARLES.....	Paterson, N. J., and 2437 Clifton Ave.
HEDGER, HOWARD BENJAMIN.....	Lacona, N. Y., and 2521 Auburn Ave.
HENRY, CHESTER JOEL.....	Youngsville, Pa., and 266 Senator Pl.
HERRLE, MAX R.....	2314 Rohs St.
HICKS, GILBERT HENRY.....	Takoma Park, D. C., and 2630 University Court
HOECK, WILLIAM THOMSON.....	2822 Highland Ave.
HUCKE, RAYMOND HENRY.....	404 Lombardy St., Elmwood Pl., O.
IDESON, JR., ALISON BAPTISTE.....	2630 University Court
ISRAEL, DORMAN DANIEL.....	556 Stewart Pl.
JACOBS, GEORGE HENRY.....	1113 Sherman Ave.
JOHNSON, DARRYL WRIGHT.....	2875 E. Montana Ave.
JOHNSON, MARCUS KOHLER.....	Dayton, O., and 2048 Auburn Ave.
JONES, GORDON MARSHALL.....	2137 Sinton Ave.
JUERGENS, WALTER AUGUST.....	727 Delta Ave.
KING, WILLIAM TERRY.....	Ft. Worth, Tex., 2521 Auburn Ave.
KRAMER, HAROLD B.....	945 Heaton St., Hamilton, O.
KRATT, EMIL JACOB.....	Portland, Ore., and 266 Senator Pl.
KUHN, CLARENCE WILBUR.....	California, O.
KUNTZ, JOHN LOWELL.....	568 Maple Ave., Arlington Hts., O.
LANG, J. OLIVER.....	Denver, Colo., and 3110 Imperial St.
LEATHERBY, ARTHUR G.....	2836 Werk Rd.
LIDDLE, HAROLD WILLIAM.....	420 Reilly Rd., Wyoming, O.
LIEBTAG, CARL FERDINAND.....	5652 Bramble Ave.
LUBIN, CLARENCE ISAAC.....	B-10 Landon Court
LOHREY, CLARENCE ROBERT.....	1210 Ludlow St., Hamilton, O.
MCCARTT, LAWRENCE.....	Walton, Ky.
MADDUX, DWIGHT.....	4745 Winton Rd.
MALLIN, MILTON.....	891 Clinton Springs Ave.
MATHIS, HARRY MICHAEL.....	6310 Madison Rd.
MAXON, BRUCE E.....	3015 Euclid Ave.
MEHLHOPE, LINCOLN ELLIOTT.....	3703 Portland Ave.
MENTEL, CHARLES EDWARD, JR.....	Dayton, O., and 3110 Imperial St.
MILLER, HARVEY FRANKLIN.....	Lebanon, O., 266 Senator Pl.
MOLLOY, JOHN ANTHONY.....	5101 Ravenna St.
MORGAN, HAROLD L. G.....	Buffalo, N. Y., and 616 Straight St.
MUTH, GEORGE HEIMERL.....	3259 Beresford Ave.
NEJAKO, ADAM AUGUSTINE.....	Middletown, Conn., and 58 Hollister St.
NEWTON, HAROLD WILSON.....	Elmira, N. Y., and 2630 University Ct.

NOERTKER, JOSEPH ANTHONY.....	23 W. 11th St., Newport, Ky.
OBERWARTH, LEO EDWIN.....	Frankfort, Ky., and 46 Lakewood Ave.
PABST, WARREN JACOB.....	Hamilton, O., and Y. M. C. A., Elm St.
PALMER, LEWIS F.....	Washington, D. C., and 321 McGregor Ave.
PETZHOLD, JOHN BERNARD, JR.....	2219 McGregor Pl.
PERKINS, BERNARD ARTHUR.....	Paterson, N. J., and 540 W. 7th St.
PHILLIPS, PHILIP ELIAS.....	746 E. Ridgeway Ave.
PORTER, KENNETH WEBB.....	Connerville, Ind., and 312 Straight St.
POST, ERRETT AUGUSTUS.....	North Chattanooga, Tenn., and 150 W. McMillan St.
QUEDENS, PETER GEORGE.....	Blue Ash, O.
RAPPSILBER, WILLIAM REINHOLD, JR.....	Dayton, O., and 3110 Imperial St.
ROSIN, ISAIAH.....	3550 Newton Ave.
RUTH, GEORGE WASHINGTON.....	3442 Brookline Ave.
SAMPSON, JOSEPH.....	Fall River, Mass., and 2616 University Ct.
SCHERING, WALTER SPENCER.....	Shandon, O., and 127 Calhoun St.
SCHELLHAMMER, LAWRENCE WILLIAM.....	3444 Vine St.
SCHIERLOH, FRED PHILIP.....	227 S. Wayne St., Lockland, O.
SCHINDLER, HERBERT CHARLES.....	Dayton, O., and 152 W. McMillan St.
SCHUBERT, WILFRED GEORGE.....	226 E. Rochelle St.
SHARP, ROBERT KELLOGG.....	Troy, O., and 266 Senator Pl.
SHAWHAN, WILLIAM HENRY.....	537 Sycamore St., Hamilton, O.
SHUSTER, WILLIAM WILBUR.....	West Union, O., and 2625 Eden Ave.
SIGMUND, RALPH WILLIAM.....	Philadelphia, Pa., and 3330 Jefferson Ave.
SILVERMAN, JACK BERNARD.....	64 Erkenbrecher Ave.
SIMS, CHARLES RICHARD.....	Hamilton, O., and 111 Huntington Place
SLOAN, ROBERT FIELDING.....	Charlevoix, Mich., and 3442 Brookline Ave.
SMITH, CHESTER MAXIMUS.....	Middletown O., and 3110 Imperial St.
SPAFFORD, FRED AUDREY.....	Iowa City, Ia., and 3110 Imperial St.
SPERTI, GEORGE.....	120 E. 8th St., Covington, Ky.
STROBEL, HENRY JOHN.....	2968 Moreland St.
TAYLOR, CHARLES WILMOT.....	Fredericktown, O., and 2210 Ohio Ave.
TAYLOR, ELBERT JOHN.....	Forest Grove, Ore., and 2503 Auburn Ave.
THOMAS, CLIFFORD GLENN.....	2219 Park Ave.
THOMPSON, JAMES FRAZIER.....	329 Garrard St., Covington, Ky.
TURRELL, RICHARD JESSUP.....	1039 Scott St., Covington, Ky.
VOELKEL, WILLIAM WESLEY.....	2211 Adams Ave., Norwood, O.
WENZEL, ALFRED WILLIAM.....	2214 Cameron Ave., Norwood, O.
WHITE, GEORGE HAWLEY.....	839 York St., Newport, Ky.
WILLITS, CHARLES WILLIAM.....	Cuyahoga Falls, O., and 2384 Wheeler St.
WILSON, FRANCIS KING.....	1912 Young St.
WITTLINGER, LEONARD McLANE.....	Dayton, O., and 3439 Brookline Ave.
WOLFINGER, RICHARD G.....	Hagerstown, Md., and 136 W. McMillan St.

Pre-Juniors

AGGER, EMMET HENRY.....	1041 Clark St.
ALLARDICE, WILLIAM D.....	Meshoppen, Pa., and Central Y. M. C. A.
ALTSHOOL, STUART MARX.....	12 Landon Court
ANDERSON, ROBERT WATTERS.....	431 Springfield Ave., Wyoming, O.
ANDREWS, JOHN LLOYD.....	Mansfield, O., and 44 E. McMillan St.
APPLETON, JULIUS GARST.....	5901 Kennedy Ave.
ARONOFF, SAMUEL.....	225 Gilman Ave.
ASHMAN, ARTHUR BENJAMIN.....	Rochester, N. Y., and 616 Straight St.
BACHMAN, CHARLES WILLIAM.....	1445 Main St.
BAILDON, WILLIAM BRECK.....	Wilkes Barre, Pa., and 3442 Brookline Ave.
BAYER, FRED J.....	3564 Colerain Ave.

BEAMAN, JAMES ADDISON	Sidney, O., and 3330 Jefferson Ave.
BECKER, WALTER STANLEY	146 W. 74th St.
BEISSMAN, JOHN BERNARD	Richmond, Ind. and 309 Ludlow Ave
BENSON, KENNETH ALAN	9 St. James Pl.
BERNDT, HARRY	Indianapolis, Ind., and 849 Oak St.
BISSELL, ROBERT HEWITT	Wooster, O., and 44 E. McMillan St.
BLICKENSERFER, ROBERT	3145 Mapleleaf Ave.
BLANK, IRVIN HAAS	Mt. Carmel, Ill., and 857 Rockdale Ave.
BOYD, THOMAS DUDLEY	Hamilton, O., and 2630 University Ct.
BORDEN, DAVID MERING	Franklin, O., and 2509 Ohio Ave.
BRATTEN, SAMUEL ARNOLD	Dayton, O., and 2331 Salutaris Ave.
BREAM, LLOYD RONALD	114 W. St. Clair St.
BRIDGES, CHARLES PERCY	Indianapolis, Ind., and 152 W. McMillan St.
BROWN, BENNETT CHARLES	New London, Conn., and 309 Ludlow Ave.
BRUNHOFF, HENRY EDWARD	215 Forest Ave.
BUMILLER, THEODORE MAX	3325 Ruther Ave.
BURROWAY, ARTHUR CALVIN	Canton, O., and 218 Hearne Ave.
CALDWELL, NELSON FORSYTH	Alton, Ill., and 19 Poinciana Apts.
CAVAGNARO, ATTILIO EMILE	Middletown, Cal., and 2503 Auburn Ave.
CAVETT, EDWIN SHELBY	4114 Forest Ave., Norwood, O.
CHALOCK, JACOB	1042 Seton Ave.
CHAMPLAIN, WALLACE J.	Walla Walla, Wash., and 266 Senator Pl.
CLAGETT, JACKSON LEE	St. Paul, Minn., and 3430 Brookline Ave.
COCKRELL, WAYNE LEROY	Dayton, O., and 2357 Wheeler St.
CONE, LOGAN JENNINGS	Hamilton, O., and 111 Huntington Pl.
CONROW, ROBERT SMOCK	Wichita, Kan., and 359 Ludlow Ave.
CONSTANTINOFF, VLADIMIR	113 Lyon St.
CRAIN, ALLAN MEYER	5811 Glenview Ave.
CROSSET, RICHARD BOYCE	3145 East Hill Ave.
CROWE, WILLIAM L.	266 Senator Pl.
DAHLQUIST, HERBERT ANTON	Chicago, Ill., and 3442 Brookline Ave.
DANNER, HARLAN	984 E. Third St.
DANNER, HORACE NEWELL	3309 East Side Ave.
DARLING, KENNETH TURNER	Preston, Minn., and 266 Senator Pl.
DAUBENBIS, NORDEN WILLIAM	2638 Dennis St.
DAVIS, CLARENCE EUGENE	Pampa, Tex., and 266 Senator Pl.
DAY, ALLEN	New Richmond, O., and 836 Windham Ave.
DEWING, CHESTER LE MOIN	2126 Main St.
DOERLER, ALBERT J.	523 Hickman Ave.
DRILLETTE, CARL JOSEPH	Louisville, Ky., and 2115 Fulton Ave.
DUFFY, CHARLES G., JR.	3629 Wabash Ave.
DUFFY, JAMES RAYMOND	Fall River, Mass., and 2616 University Ct.
DUNHAM, JOHN MILTON	Dayton, O., and 2210 Ohio Ave.
DURFEE, JOHN HENRY GORDON	Kansas City, Mo., and 242 McCormick Pl.
EILERS, JOHN WAGNER	380 Howell Ave.
ENGLISH, JAMES EDWARD	Norwich, Conn., and The Fenwick Club
EVANS, CHARLES MACMILLAN	2268 Washington Ave., Norwood, O.
FARBACH, RICHARD	The Glencoe Hotel
FARR, ALFRED ERNEST	Chautauqua, N. Y., and 266 Senator Pl.
FERTIG, EARL ANDREW	Indianapolis, Ind., and 152 W. McMillan St.
FIELDS, WILLIAM STERLING	536 Howell Ave.
FIELMAN, WALTER ERNST MARTIN	2519 Vine St.
FORD, WILLIAM FRANCIS	Calistoga, Cal., and 2503 Auburn Ave.
FRANCIS, MORTON PHILIP	Pontiac, Ill., and 3330 Jefferson Ave.
FRATZ, ARTHUR J.	4075 W. 8th St.
FREY, ARWIN PHILIP	2051 Courtland St., Norwood, O.
GEER, ELIHU	Hadlyme, Conn., and 8 St. James Pl.

GEIST, ROBERT MAITHRE	3228 Bishop St.
GINN, CHARLES HENRY	North Platte, Neb., and 4259 Vine St.
GOODE, CHARLES S.	115 Huntington Pl.
GORDON, SAMUEL MORRIS	Marleboro, N. J., and 176 W. McMillan St.
GRADISON, JULIUS TUROFF	R. F. D. No. 3, North Bend Rd., Westwood
GRAY, LEVEN D.	Ferris, Tex., and 136 W. McMillan St.
GUNTHER, HAROLD LESLIE	Paterson, N. J., and 2616 University Ct.
HAGE, ARTHUR WILLIAM	Hamilton, O., and 2515 Ohio Ave.
HARDISTY, FRANK EDWARD	2722 Erie Ave.
HARRELL, CHARLES ADAIR	Norfolk, Va., and 3442 Brookline Ave.
HARTUNG, RAYMOND HENRY	112 E. Charlton St.
HASLUP, ROBERT E.	Dayton, O., and 3110 Imperial St.
HENRY, HOWARD CARROLL	5307 Tompkins Ave.
HEEB, IRVING ADOLPH	2907 Burnett Ave.
HENTZ, ELMER GEORGE	3413 Osage Ave.
HERBST, HOWARD DOUGLAS	3302 Harrison Ave.
HOBBS, ROSSITER HOPKINS	2207 Cameron Ave., Norwood, O.
HUERKAMP, EDWARD CHARLES	866 Rockdale Ave.
HUMES, RALPH EUNIS	Springfield, O., and 2315 Sauer Ave.
HUSUNG, JOHN LEO	Colorado Springs, Colo., and 3110 Imperial St.
IRELAND, FREDERICK ELLSWORTH	121 E. University Ave.
JAMES, EDWIN	1728 Freeman Ave.
JANES, EDWIN ROTH	New Albany, Ind., and 212 W. McMillan St.
JARMAN, JOHN THADDEUS	Kasson, Minn., and 2437 Clifton Ave.
JERVIS, THOMAS EVERETT	2325 Reading Rd.
JOHNSTON, ARCHIBALD PLINY	Montgomery, O.
JUDGE, JOSEPH DONALD	Hamilton, O., and Apt. 6, 2700 Vine St.
KARCH, HERBERT S.	Norwood, O., and 3442 Brookline Ave.
KIEFNER, EDWIN LUCKEY	Perryville, Mo., and 3411 Clifton Ave.
KEITH, ADOLPHUS BRADLEY	Denver, Colo., and 849 Oak St.
KELLER, THEODORE ELDON	Muskogee, Okla., and 2605 Eden Ave.
KINNEY, WILLIAM ANTHONY	412 Worthington Ave., Wyoming, O.
KNOOP, HERBERT DOW	944 E. McMillan St.
KOHLER, ALBEN	Montgomery, Ala., and 2623 Eden Ave.
LANDER, LAWRENCE C.	Dayton, O., and 3430 Brookline Ave.
LARSON, EDWARD	St. Croix Falls, Wis., and 2507 Auburn Ave.
LEWIS, GEORGE EDMUND	Connersville, Ind., and 230 W. McMillan St.
LI, YU	Kiangsi, China, and 2724 Sanders St.
LIDELL, LYLE LUCIUS	Schuyler Lake, N. Y., and 3110 Imperial St.
LINCKE, HENRY WILLIAM	Waterloo, Can., and University Y. M. C. A.
LISTERMAN, WILLIAM ANTHONY	266 Van Voast Ave., Bellevue, Ky.
LOEHR, CHARLES E.	Bellefontaine, O., and The Central Y. M. C. A.
LOUI, DIP	Kwongtong, China, and The Central Y. M. C. A.
LUDWIG, KARL FRANK	2121 Jefferson Ave.
MCAUREWS, ANTHONY FRANCIS	Indianapolis, Ind., and 849 Oak St.
MCAULAY, JOHN HENRY	Yakima, Wash., and 376 Howell Ave.
MCDIARMID, ROYE CLARE	3529 Wabash Ave.
MACLAURIN, WILLIAM MOFFETT	Dallas, Tex., and 266 Senator Pl.
MENABB, HAROLD ROBERT	Decatur, Ill., and 2315 Ohio Ave.
MCWHORTER, WILLIAM THOMAS	Fairmount, W. Va., and Baxter Ave.
MARSHALL, JAMES EDGAR	Hamilton, O., and 2358 Stratford Ave.
MASON, CHARLTON MERRIMAN	Fond du Lac, Wis., and 3110 Imperial St.
MILTHALER, WILLIAM CHRIS.	Dayton, O., and 150 W. McMillan St.
MORRIS, DONALD	Bellefontaine, O., and 150 W. McMillan St.
MORRIS, WILLIAM STANLEY	Dayton, O., and 2507 Auburn Ave.
MORRISSEY, JOHN FRANCIS	Fall River, Mass., and 2616 University Ct.
ORNES, CONRAD LAWRENCE	6205 Ridge Ave.

PAHREN, HERBERT STEVEN	382 Terrace Ave.
PFEFFERLE, GEORGE HENRY	Appleton, Wis., and 40 E. McMillan St.
POORMAN, JOEL	1357 Delta Ave.
POSEY, IRVING Y.	Fayetteville, Ark., and 266 Senator Pl.
RAFSNIDER, LOWELL BRUCE	Decatur, Ill., and 2126 Main St.
REINHART, RALPH	Dayton, O., and 2419 Moerlein Ave.
REIS, JOSEPH	2603 Knorr Ave.
RENGERING, WILLIAM ANTHONY	37 Glencoe Pl.
RHODES, OLIVER T.	Washington, D. C., and 2630 University Ct.
RICE, ORVILLE DAVID	Marion, O., and 266 Senator Pl.
RICHEY, GUY VERNON	4811 Winton Rd.
RICHMOND, HARRY STANLEY	Dayton, O., and 2509 Auburn Ave.
ROCKOFF, JOSEPH	Dayton, O., and 2419 Moerlein Ave.
ROLAND, ROBERT JOHN	Richmond, Ind., and 2357 Wheeler St.
ROMANOWITZ, H. ALEXANDER	131 Parkway, Covington, Ky.
ROSS, WILLIAM HEARNE	3442 Brookline Ave.
ROTH, EDWARD LOUIS	57 W. Corry St.
SAURER, HAROLD RALPH	Richmond, Ind., and 212 W. McMillan St.
SCHEBRAT, THEODORE HERBERT	Petoskey, Mich., and 2509 Auburn Ave.
SCHRAMM, HENRY WALTER	Canton, O., and The Central Y. M. C. A.
SCHREINER, WILLIAM JOSEPH	Hamilton Apts.
SCHROTH, HORACE PHILIP	3662 E. Herbert Ave.
SCHUBERT, ARTHUR WILLIAM	226 E. Rochelle St.
SCOTT, ROBERT CLYDE	540 W. 7th St.
SEARLES, GLENN LARREN	Fond du Lac, Wis., and 3110 Imperial St.
SEIFERT, OLIVER WILLIAM	LaFayette Ave.
SHAW, JULIAN CLARK	1515 Blair Ave.
SHAW, REED AUGUSTUS	Middletown, O., and 127 Calhoun St.
SHIELDS, WILLIAM HENRY	2303 Ashland Ave.
SIGMON, AVRIL CHESTER	Dayton, O., and 2509 Auburn Ave.
SIMS, WILLIAM THOMAS	807 Buckeye St., Hamilton, O.
SLONEKER, KENNETH AUGSPURGER	Hamilton, O., and 88 McMillan St.
SMITH, GRAFTON ALLEN	Kansas City, Mo., and 616 Straight St.
SOLLER, ARNOLD	2515 Talbott Ave.
STAMPER, GARLAND	Hindman, Ky., and 2507 Auburn Ave.
STEELE, WILLIAM GRAFTON	Wheeling, W. Va., and 309 Ludlow Ave.
STEINKAMP, ALBERT JOSEPH	912 Suire Ave.
STEMBEL, DAVID MAYNARD	Silver Grove, Ky., and 176 W. McMillan St.
STERMAN, ALVIN JOHN	2888 Cormany Ave.
STEVENS, JOSEPH HYLAND	Richmond, Ind., and 3110 Imperial St.
STRYKER, RALPH MANEVAL	Williamsport, Pa., and 2521 Auburn Ave.
SUDHOFF, EDMUND ARTHUR	Richmond, Ind., and 2357 Wheeler St.
SUHRE, ARTHUR ERNST	1120 Poplar St.
SWEENEY, DANIEL JOSEPH	Dayton, O., and 3430 Brookline Ave.
THUMA, BURTON DOAN	1016 Valley Lane
VAN WYE, RALPH ANDERSON	108 Mason St.
VOLLBRECHT, JUSTUS THOMAS	Hamilton, O., and 227 Lyon St.
WAHL, CLIFFORD JOSEPH	3954 Spencer Ave., Norwood, O.
WASMER, CLARENCE THEODORE	1730 Pell St.
WILLIAMS, STANLEY ED.	Chicago, Ill., and 152 W. McMillan St.
WYATT, ARTHUR G.	Prospect, O., and 231 McGregor Ave.
ZIEGLER, RALPH JOHN	104 W. McMillan St.

Sophomores

ALEXANDER, RALPH THOMAS	126 Winkler St.
ALEXANDER, ROY WILLIAM	126 Winkler St.

ALTHER, FRANKLIN BERNARD.....	4330 Tower Ave., St. Bernard, O.
AMICK, RICHARD WALLACE.....	195 E. McMillan St.
ANDERSON, HAROLD GRANT.....	Falconer, N. Y., and 223 McCormick Pl.
ANDREWS, OREM CARLETON.....	Burlington, Vt., and 4645 Edgewood Ave.
ARMSTRONG, CHARLES JOHN.....	Canton O., and 2352 Wheeler St.
ARNOLD, WALTER PAUL.....	1667 Harrison Ave.
ASHMAN, GEORGE WILLIAM.....	Palmerton, Pa., and 2315 Ohio Ave.
AXELROD, MAURICE.....	Marietta, O., and 427 Rockdale Ave.
BACHER, CLARENCE ARTHUR.....	Dayton, O., and 3110 Imperial St.
BACKUS, CARL WILLIAM.....	2201 Nelson Ave.
BATSON, BENJAMIN ARTHUR.....	Keensburg, Ill., and 3018 Sanders St.
BERRY, JAMES MORRIS.....	20 W. Villa Pl., Ft. Thomas, Ky.
BIEHN, FLORENCE OLEN.....	Georgetown, O., and 2344 Clifton Ave.
BIEH, JOHN A.....	3026 Woodburn Ave.
BIRD, LEON FREIS.....	54 Highland Ave., Ft. Thomas, Ky.
BLOCKSOM, DUTRO.....	3577 Michigan Ave.
BONE, CHARLES HAROLD.....	Lebanon, O., and 2344 Ohio Ave.
BOSCH, LESTER LOUIS.....	5499 Attica Ave.
BOWEN, JOSEPH WALKER.....	3745 Edwards Rd.
BOYD, ALAN ROCKWELL.....	Washington, D. C., and 620 Probasco St.
BRADNER, GEORGE HENRY.....	Ashland, Ky., and 3442 Brookline Ave.
BRANCH, CARTER ALLAN.....	Hamilton, O., and 2315 Ohio Ave.
BRINKMAN, HERBERT CHARLES.....	24 W. 15th St.
BROCKMAN, GILBERT WILLIAM.....	522 Riddle Rd.
BROWN, RICHARD AMBROSE.....	Hubbard, O., and 3525 Biddle St.
BRUCK, FRED A.....	2515 Ohio Ave.
BRYAN, JOHN EDGAR.....	540 W. 7th St.
BUCKMASTER, HAROLD FRANKLIN.....	Montpelier, Ind., and 3330 Jefferson Ave.
BUEHL, RALPH LEISNER.....	681 Franklin St., Hamilton, O.
BUSH, HOLLIS HAROLD.....	Davenport, Ia., and 2437 Clifton Ave.
BUTTON, CHARLES TITSWORTH.....	Riverside, Cal., and 3430 Brookline Ave.
CAMPBELL, JOHN COLIN.....	5516 Main Ave., Norwood, O.
CAMPBELL, JOHN RUTHERFORD.....	Westfield, N. Y., and 140 W. University Ave.
CARNEY, VINCENT PAUL.....	1707 Highland Ave.
CATANIA, ANTHONY M.....	Westfield, N. Y., and 2559 Fairview Ave.
CATLIN, ROLAND SHIMMAY.....	Rockford, Ill., and 2315 Ohio Ave.
CAVETT, LLOYD PALMER.....	325 Wyoming Ave., Wyoming, O.
CHAPMAN, JOHN FLOYD.....	4741 Gurley Rd.
CLARK, JAMES MONTGOMERY.....	Charleston, W. Va., and 2320 Nelson Ave.
CLARK, WILLIAM ARTHUR.....	2405 Auburn Ave.
CLAUSS, CHARLES JOHN.....	3122 Hackberry St.
COBB, WAYNE TEMPLE.....	3525 Myrtle Ave., Covington, Ky.
COLE, LYNN NELSON.....	Mountain View, Mo., and 2433 Ohio Ave.
COLEMAN, ORVILLE KURTZ.....	Cecelia, Ky., and 227 Lyon St.
COLLINS, MELVILLE GEORGE.....	222 W. McMillan St.
CONGLETON, RAY THOMAS.....	Taylorville, Ky., and 524 Hickman Ave.
CONRAD, DEWEY.....	Perryville, Mo., and 2509 Auburn Ave.
COOLEY, CHARLES STEWART.....	3030 Montana Ave.
CRANE, PAUL WILLARD.....	2323 Grandview Ave.
CRAWFORD, CHARLES GERAN.....	Hamilton, O., and 2515 Ohio Ave.
CRAWFORD, GUY.....	Colson, Ky., and 2704 Hackberry St.
CREIGHTON, THOMAS CLAIR B.....	Altoona, Pa., and 2521 Auburn Ave.
CUTHBERTSON, CHARLES HAROLD.....	3117 Harvard Ave.
DASSELL, HORACE WERNER.....	5602 Ridge Ave.
DELGROSSA, GERARD.....	1407 Clay St.
DILL, BERTRAM FRANCIS.....	Brocton, N. Y., and 2221 Nelson Ave.
DISTLER, EDWARD SEYMOUR.....	207 Crescent Ave., Wyoming, O.

DODDS, EARLE FEARNEY	Leland and Portland Aves.
DONNAHOE, JEFFERSON DAVIS	Asheville, N. C., and 2503 Ohio Ave.
DUFENDACH, PAUL ERNEST	Kokomo, Ind., and 2140 St. James Ave.
DUFFY, EUGENE BARSTOW	3629 Wabash Ave.
DUNBAR, FRANK B.	Prospect, O., and 88 W. McMillan St.
DUNHAM, ROBERT LEE	2258 Adams Ave., Norwood, O.
DUNHAM, TAYLOR HOLMES	Dayton, O., and 3430 Brookline Ave.
DVORAK, LADISLAV ANTON	Edgar, Wis., and Roslyn Apts.
ELBERTY, ROBERT SPROUT, JR.	East Orange, N. J., and 2433 Ohio Ave.
EVANS, ALFRED HARRIS	32 Navarre Bldg.
FAHEY, THOMAS ALOYSIUS	Congress Ave., Glendale, O.
FEHL, NORMAN	3160 Linwood Rd.
FOLGER, DONALD LOUIS	4110 Floral Ave., Norwood, O.
FOWLER, RALPH WALDO	West Palm Beach, Fla., and 351 W. McMillan St.
FOX, GEORGE ALOYSIUS	2348 Kemper Lane
FOX, MARION	Lebanon, O., and 2344 Ohio Ave.
FUENTES, DANIEL G.	Santiago, Chile, and 2709 Ashland Ave.
GARTZ, DELMORE W.	2608 Ida Ave., Norwood, O.
GAST, CERVLE BURDELL	231 McGregor Ave.
GAY, WENCHELL MARQUE	536 Howell Ave.
GEIST, CHARLES EDWARD	3228 Bishop St.
GIARDINI, BRUNO THOMAS	Athens, Pa., and 70 Ehrman Ave.
GILLIS, KATHRYN MELISSA	1305 Locust St.
GLASGOW, RUSSELL LOWELL	803 Carr St.
GOATLEY, BERT MCCARTY	Equality, Ill., and 309 Ludlow Ave.
GRAHAM, THOMAS LEONARD	Saskatchewan, Canada, and 2384 Wheeler St.
GRAUER, RALPH PIEFFER	Springfield, O., and 2503 Auburn Ave.
GREEK, JAMES	Celina, O., and 309 Ludlow Ave.
GREENBERG, ELBERT	3591 Wilson Ave.
HALLETT, THOMAS WILLARD	128 Foote Ave., Bellevue, Ky.
HALLETT, WILLIAM ARTHUR	Buffalo, N. Y., and 1532 Wheeler St.
HAMER, FRED SAMUEL	Johnstown, Pa., and The Roanoke Apts.
HANNOLD, JOSEPH WILLIAM	4825 Eastern Ave.
HANSELL, HOWARD FOSTER	Middletown, O., and 88 W. McMillan St.
HARDING, GEORGE HASKINS	Mason, O., and 122 Carolina Ave.
HARMAN, RALPH	Dubois, Pa., and 111 E. Auburn Ave.
HAUCK, CARL EMIL JOHN	357 Thrall Ave.
HAY, MYRTLE MARIE	Sekitan, O.
HEILEMAN, CHARLES RICHARD	3907 Huntington Ave., Covington, Ky.
HENNEQUIN, JOHN HARRY	Saskatoon, Sask., and 2315 Sauer Ave.
HENSEY, MELVILLE DONALD	Washington, D. C., and 3330 Jefferson Ave.
HERNSTEIN, FRANK CHRISTIAN	4226 Badgely Ave.
HIRSCHFELD, OSCAR WILLIAM	1036 Straight St.
HODTUM, CLARENCE WILLIAM	3116 School St.
HOFFMANN, EDSON ALLEN, JR.	Waldemar Apts., Reading Rd.
HOLDT, PAUL	2237 Burnett Ave.
HOLMES, ARTHUR WELLINGTON	3231 Vine St.
HOPKINS, DAVID GORDON	Greenville, Pa., and The Roanoke Apts.
HUBER, ELMER JOHN HENRY	Indianapolis, Ind., and 140 W. University Ave.
HUFF, ROBERT VALENTINE	3560 Monteith Ave.
HUMMEL, CARL CLIFFORD	12 W. Charlton St.
HUMPHREY, NAYLOR BRYAN	Wickcliffe, Ky., and 39 W. McMillan St.
HUNT, ALLYN HUBBARD	5405 Whetsel Ave.
HYNES, ROBERT DANIEL	Indianapolis, Ind., and 1831 Brewster Ave.
INGALLS, PHINEAS HARVEY	Roswell, N. Mex., and 140 W. University Ave.
IRWIN, HARRY WHITSTONE	Villa Pl., Ft. Thomas, Ky.
IRWIN, LUTHER WESLEY	620 Probasco Ave.

JACQUES, NORMAN GEORGE	Dayton, O., and 2521 Auburn Ave.
JANSON, NICHOLAS A.	4235 Greenlee Ave.
JOHNS, HENRY BENNETT	Meadville, Pa., and 3430 Brookline Ave.
JOHNSTON, NORMAN M.	Fremont, O., and 266 Senator Pl.
KAIN, ELDON WILLIAMS	4742 Eastern Ave.
KAUFMAN, CARROLL HENRY	Dayton, O., and 3430 Brookline Ave.
KECK, WILLIAM LOUIS	3737 Andrew Ave.
KEIGWIN, HENRY SAFFORD	Mt. Vernon, N. Y., and 1912 Young St.
KELLY, GEORGE A.	Longview, Tex., and 220 Lyon St.
KENNEL, JOSEPH PHILIP	Ilion, N. Y., and 2352 Wheeler St.
KENNY, GEVES GEORGE	309 Ludlow Ave.
KIESEL, THEODORE CROUTER	116 Malvern Pl.
KILLOUGH, OWEN D.	29 Ferndale Ave.
KIRBY, RALPH LEONARD	Dayton, O., and 152 W. McMillan St.
KIERIM, VINCENT LEROY	Dayton, O., and 230 W. McMillan St.
KNOBLAUGH, ARMAND FRANKLIN	Howland Pl., Northside
KOEPPE, CARL WILLIAM	715 Clark St.
KRAUSSER, JOHN WILLIAM	546 W. 12th St., Covington, Ky.
KUEHNLE, GEORGE JOHN, JR.	156 Woolper Ave.
KUHN, CHARLES HENRY	R. R. No. 1, California, O.
LAMPE, GEORGE JACOB	809 Overton St., Newport, Ky.
LANE, MAURICE WARD	Geneseo, Ill., and 266 Senator Pl.
LANGE, WILLIAM J.	1370 Ernst St.
LANTZ, NELSON BENJAMIN	Dayton, O., and 2419 Moerlein Ave.
LAYRITZ, HAROLD HENRY	2269 Harper Ave., Norwood, O.
LEWIS, GEORGE EDWARD	2108 Bennett St., Norwood, O.
LILLIE, FRANCIS THEODORE	Washington, D. C., and 2519 Auburn Ave.
LIU, KUO CHENG	Pasting, China, and 2724 Sanders St.
LIU, KUANG PEI	Mukden, China, and 359 Ludlow Ave.
LOEB, CHRISTOPH JACOB	1415 Marlowe Ave.
LOOMIS, ORVAL	Visalia, Ky., and 1432 Chase Ave.
LOHMAN, CHARLES JOSEPH, JR.	176 Church St., St. Bernard, O.
LOTES, PAUL	2371 Rohs St.
LUDWIG, CHARLES PHILIP	Terrace Park, O.
MCBETH, ALVA GERALD	3721 Columbia Ave.
MCBETH, HARRY RAYMOND	3721 Columbia Ave.
MCCORD, KIRBY FREEMSTER	6216 Erie Ave.
McFALL, JAMES CLEMENT	Hamilton, O., and Clifton and McMillan Sts.
McFARLAN, RUTH	4755 Main Ave., Norwood, O.
McNUTT, CLYDE	321 Mill St.
McPECK, GEORGE FREDERICK	Bellefontaine, O., and 2521 Auburn Ave.
MCDONALD, CHESTER RICE	Middletown, O., and 2515 Ohio Ave.
MADDUX, HARRY BRUCE	2278 Buxton Ave., Norwood, O.
MELVILLE, CHARLES J., JR.	Sherman and Sheridan Sts., Ft. Thomas, Ky.
MEYERS, MAXWELL	108 Malvern Pl.
MERYSON, SIDNEY L.	Huntington, W. Va., and 2623 Eden Ave.
MILLER, JAMES WILLIAM	106 Malvern Pl.
MILLER, LAURENCE	2217 Kemper Lane
MILLER, SAMUEL JOHN	Westfield, N. Y., and 2221 Nelson Ave.
MOFFETT, PAUL EUGENE	10 Glencoe Pl.
MOORE, EDWARD KENNETH	New Albany, Ind., and 2831 Scioto Ave.
MOULDS, EUGENE, JR.	Edge Moor, Del., and 3430 Brookline Ave.
MUELLER, WESLEY JOHN	Milwaukee, Wis., and 2329 Flora St.
NABERHAUS, LAURENCE HENRY	3425 Brookline Ave.
NOBLE, TUDOR O.	2704 Hackberry St.
NORELL, ELMER G.	Rockford, Ill., and 230 W. McMillan St.
NORRIS, HELEN MERCY	2314 Lookout Circle

OBERSCHMIDT, CARL FRED	2515 Addison St.
O'BRIEN, EDWARD JOSEPH	Fall River, Mass., and 124 Lyon St.
O'DONNELL, HOWARD BENJAMIN	Franklin, O., and L. B. Harrison Hotel
OUTCALT, GEORGE W.	2624 Stanton Ave.
PABST, HERBERT	455 S. 4th St., Hamilton, O., and The Central Y. M. C. A.
PAISLEY, JAMES ROBERT	Charleston, W. Va., and 111 E. Auburn Ave.
PARKER, HAROLD NEWTON	Georgetown, O., and 176 W. McMillan St.
PARRY, WILLIAM RICHARD	928 Nassau St.
PEEBLES, WALTER SCOTT	623 E. 9th St., Newport, Ky.
PHILLIPS, RICHARD FULNER	83 Highland Ave., Ft. Thomas, Ky.
PICTON, JOHN MOORE, JR.	Nashville, Tenn., and 140 W. University Ave.
PORTER, JOHN FRANCIS	3321 Ruther Ave.
PRICE, CHARLES JOHN	4231 31st St., Oakley
RANKIN, CARL STEPHEN	4115 Grove Ave., Norwood, O.
REEVE, GEORGE ALFRED	Poast Town, O., and 2566 Euclid Ave.
REIK, EUGENE, JR.	27 Southgate Ave., Ft. Thomas, Ky.
REINHARDT, FRED CARL	4365 Eastern Ave.
RICHARDS, EDWIN NEPERT	Clarksburg, W. Va., and 340 McGregor Ave.
ROBB, WELDON FERDINAND	Fredericktown, O., and 176 W. McMillan St.
ROBERTS, PERCIVAL BURNS	941 Montague St., Covington, Ky.
ROLLWAGE, EDGAR ALFRED	3227 Jefferson Ave.
RONSHHEIM, HERMAN	542 Stewart Pl.
RUMER, ARTHUR WEIDNER	Dayton, O., and 3430 Brookline Ave.
SADLER, LEWIS LAMONT	1838 North Bend Rd.
SCHEUER, EDWIN BAER	641 Van Antwerp Ct.
SCHMID, WILLIAM ANDREW	4247 Hamilton Ave.
SCHNEIDER, CHARLES GEORGE	1624 Pullan Ave.
SCHNEIDER, WILLIS LOUIS	1241 Halpin Ave.
SCHULTE, LEO JOHN	1239 Yarmouth Ave.
SCHWALLIE, LESLIE J.	2218 Cameron Ave., Norwood, O.
SCOTT, RUSSELL	R. R. No. 2, Ludlow, Ky.
SEIBERT, EARL WILLIAM	109 W. 65th St.
SENF, HAROLD EDGAR	Buffalo, N. Y., and 2427 Clifton Ave.
SEULBERGER, FERDINAND GEORGE	3066 Daytona Ave.
SICKING, VICTOR WILLIAM	2331 Ohio Ave.
SIDDALL, KELLY YOST	Equality, Ill., and 266 Senator Pl.
SIMMONS, MOSBY L.	273 McCormick Pl.
SINDLINGER, FRANK Z.	1312 Delta Ave.
SKILLMAN, CALVIN RUSSELL	Hamilton, O., and 2315 Sauer Ave.
SMALL, WILLIAM EDWARD	Hagerstown, Ind., and 309 Ludlow Ave.
SMEDLEY, ELMORE HUSTON	3120 Glendora Ave.
SMITH, DONALD McIVOR	Chicago, Ill., and 959 Paradrome St.
SMITH, HUGH MICKEY	Denver, Colo., and 3110 Imperial St.
SOUTHGATE, BERNARD WRIGHT, JR.	1531 Scott St., Covington, Ky.
SPRAGENS, STEPHEN MITCHELL	3449 Craig Ave.
STERLING, JOHN	Indianapolis, Ind., and 152 W. McMillan St.
STRAUS, HERMAN A.	746 Greenwood Ave.
STREETER, IRVING MACKAY	Wheaton, Ill., and 2382 Wheeler St.
SUMMERS, HAROLD D.	Cairo, W. Va., and 3430 Brookline Ave.
SWINNEY, STANLEY	Bloomfield, Ia., and 266 Senator Pl.
TAN, CHIN KAI	Mukden, China, and 2724 Sander St.
TAYLOR, WILLIAM WHITWORTH	Leicester, Eng., and 3442 Brookline Ave.
THEIS, WILLIAM OSCAR	930 Morris St.
THIERSCH, WALTER	4261 Fergus St.
THOMPSON, HUGH ROWLANDS	502 Lombardy St., Elmwood Pl., O.
TODD, FRED C.	4920 Stewart Pl.
TODD, JAMES PRATT	6732 Commercial Ave., Sayler Pk.

TREFZGER, HERBERT BERGER.....	3450 Cheviot Ave.
VISK, FELIX.....	1825 Williams Ave., Norwood, O.
VOGEL, HARLAN EMMETT.....	1149 McGlynn St., Hamilton, O.
VOGT, RUDOLF.....	924 Armory Ave.
VOLGOVSKOY, BORIS.....	133 W. University Ave.
WAITS, HARRY EDMUND.....	Camp Denison, O., and 2384 Wheeler St.
WHITACRE, MAXWELL LUDLUM.....	Given Rd.
WHITE, LEWIS ARTHUR.....	2257 Adams Ave., Norwood, O.
WILDMAN, ALEXANDER JAMES, JR.....	Mobile, Ala., and The Roanoke Apts.
WILLIAMS, CONRADT JACKSON.....	Crystal City, Tex., and 359 Ludlow Ave.
WINANT, AUSTIN FLINT.....	Washington, D. C., and 620 Probasco St.
WINTER, EDWIN ELLIS, JR.....	852 Academy Ave.
WORST, WILLIAM CHARLES.....	4906 Eastern Ave.
WUNKER, HENRY FREDERICK.....	834 Van Dyke Ave.
YOUNG, EDWARD RICHTER.....	Belmont Ave., Ft. Mitchell, Ky.
YOUNT, HOWARD LEVI.....	3325 Gilbert Ave.

Freshmen

ADAMS, EUGENE A.....	Vanceburg, Ky., and 2513 Ohio Ave.
AHRENS, JOHN KRUG.....	1642 Elkton Pl.
ALBERT, LEROY CHRISTIAN.....	227 Crescent Ave., Wyoming, O.
ALLEN, ELWOOD CHARLES.....	Tippecanoe City, O., and 140 W. University Ave.
BAENNINGER, GEORGE ALVIN.....	1808 Walker St.
BALLARD, DANA W.....	Apt. 2, So. Roslyn Apts.
BARD, LOSSEN ALFRED.....	Piqua, O., and 616 Straight St.
BECK, ROLAND B.....	3044 Lischer Ave.
BEMIS, EARL WILLIAM.....	Erie, Pa., and 2352 Wheeler St.
BERG, SPENCER.....	565 Considine Ave.
BERKDOLL, HARRY FRANKLIN.....	Dayton, O., and 312 Straight St.
BERNGES, MAURICE BAYLESS.....	Milford, O.
BEVIS, FLOYD EMERSON.....	R. R. 1, Miami, O.
BIGELOW, DOANE.....	395 Grand Ave.
BILLITER, WILLIAM OVERTON.....	411 Garrard St., Covington, Ky.
BLOOD, MARY ROSINE.....	5741 Davey Ave.
BLUE, SARBER ALLEN.....	Kewanee, Ill., and 111 Huntington Pl.
BOESCHLIN, RUDOLPH.....	22 W. 15th St.
BOETTGER, FRANK AUGUST.....	517 York St.
BOLENBAUGH, EDWIN DIMMITT.....	565 Delta Terrace
BOLLY, WARD EDWARD.....	Charlestown, Ind., and 331 Straight St.
BOND, ELBERT THOMAS.....	Enid, Okla., and 780 E. 10th St., Newport, Ky.
BOOLS, WILLIAM KRAPP.....	2348 Ohio Ave.
BORMANN, HARRY ANDREW.....	Dayton, O., and 351 McMillan St.
BOULASHEVITCH, ALEXIS.....	Washington, D. C., and 532 Howell Ave.
BRADFORD, RAMON CYRUS.....	Manchester, O., and 616 Straight St.
BRATBURD, WILLIAM ARMSTRONG.....	Cleveland, O., and 3767 Millsbrae Ave.
BROCKMAN, JOSEPH OLIVER.....	3481 Harvey Ave.
BROERING, HARRY JOSEPH.....	555 Considine Ave.
BROOKS, KENNEDY CAR.....	Nashville, Tenn., and 409 Southview Ave.
BROWN, JAMES KENNETH.....	Greenville, Tenn., and 2605 Eden Ave.
BROWN, RICHARD STEPHENS.....	3449 Cheviot Ave.
BRUNKE, HOWARD.....	North Bend and Banning Rds.
BRUSMAN, HERBERT MELVILLE.....	Dayton, O., and 351 McMillan St.
BUCHMAN, MAURICE.....	120 Piedmont Ave.
BUCHTMAN, LESTER FRED.....	3524 Akron Ave.
BUCKLEY, FLOYD.....	Denison, Ia., and 2358 Clifton Ave.
BUEHLER, DANIEL CHRISTIAN.....	2911 Vaughn St.

BUERKLE, LLOYD FRANCIS	911 Rogers Pl.
BUTTERFIELD CLARENCE HUGHES	Middletown, O., and 312 Straight St.
CARLSON, CLIFFORD EVERT	Ilion, N. Y., and 331 Straight St.
CARY, CHARLES DARWIN	Livonia, N. Y., and 2605 Eden Ave.
CASTLE, GILBERT GEORGE	Marshall, Minn., and 2605 Eden Ave.
CAWDREY, MAX MERTON	Yakima, Wash., and 376 Howell Ave.
CHANG, CHI KAO	S. Manchuria, China, and 2352 Wheeler St.
CHAPMAN, ELLIOTT RUSSELL	3354 Carthage Ave.
CHAPMAN, RUSSELL EARL	419 E. 5th St., Newport, Ky.
CHAPPELL, VERE CHAMBERS	Knightstown, Ind., and 355 Terrace Ave.
CHAPPELL, WILBUR DEWITT	S. Lima, N. Y., and 2605 Eden Ave.
CHASE, WILLIAM MARSHALL	Nashville, Tenn., and 345 McAlpin Pl.
CHRISTMANN, HERMAN RANDOLPH	565 Evanswood Pl.
COCHRAN, DELMAR GEORGE	Oxford, O., and 2477 Paris St.
COLLISON, WILLIAM HENRY	St. Francisville, Ill., and 230 W. McMillan St.
CONOVER, SARAH ELIZABETH	Loveland, O.
CONRAD, ALEXANDER HOLLAND	Waconeta, Mich., and 2521 Auburn Ave.
COOKE, RALPH CHARLES	Springfield, O., and 2503 Auburn Ave.
COOPER, WILLIAM LAWRENCE	3437 St. John's Pl.
COWAN, GERALD ARTHUR	1574 Baymiller St.
COWAN, PAUL McCURDY	Geneseo, N. Y., and 2352 Wheeler St.
CRABTREE, LESLIE BURTON	St. Charles, Ill., and 253 Hosea Ave.
CRARY, EDWARD BARRINGTON	242 Van Voast Ave., Bellevue, Ky.
CREW, HARRY HAWTHORN	Lynn, Ind., and 312 Straight St.
CROSSET, DONALD A.	2145 East Hill Ave.
DALRYMPLE, RICHARD MERRILLE	Toulon, Ill., and 230 W. McMillan St.
DALTON, DONALD GOSS	Oshkosh, Wis., and 355 Terrace Ave.
DAVIS, DANIEL HOWARD	Washington Court House, O., and 620 Probasco St.
DEBLIEUX, BENJAMIN	Plaquemine, La., and 331 Straight St.
DESJARDINS, LOUIS HOSEA	3430 Brookline Ave.
DIECKMANN, FERDINAND HENRY	3418 Cornell Pl.
DILLEHAY, EDWARD RUSSEL, JR.	Harrodsburg, Ky., and 331 Straight St.
DILLINGER, BENJAMIN HOWARD	2277 Vine St.
DORST, PAUL WILLIAM	New Albany, Ind., and 2330 Wheeler St.
DOUD, DONALD PATRICK	4710 Wilmer St.
DUHLMEIER, WILLIAM FRED	3587 Mooney Ave.
DUMBACHER, DAVID ANTHONY	652 Melish Ave.
DUNKMAN, WILLIAM EDWARD	530 Riddle Rd.
EDMISTON, ROBERT SEXTON	Winchester, O., and 2521 Auburn Ave.
ENDS, JESSE JAMES	918 Main St., Reading, O.
ENNIS, ROBERT LLEWELLYN	Elmira, N. Y., and 2521 Auburn Ave.
ESTERKIN, ALBERT	926 Fairbanks Ave.
EXON, HAYDEN	North Bend, O.
FAGALY, RAYMOND MARCUS	Harrison, O.
FIFE, SAMUEL THOMAS	Marion, O., and 2247 Paris St.
FINLEY, CLAUDE JAMES	Boise, Idaho, and L. B. Harrison Club
FLINCHPAUGH, FOREST RAYMOND	R. R. 1, Miami, O.
FLOCKEN, FRED BENZ, JR.	Marion, O., and 223 McCormick Pl.
FOULK, FLOYD DEVERED	134 Burns Ave., Wyoming, O.
FRANCIS, LESTER EDWIN	3711 Columbia Ave.
FRANK, WILLIAM CARDIN	Elizabethtown, Ky., and 227 Lyon St.
FRANKLIN, HARRY LINDSAY	8335 Burns Ave.
FRANKLIN, JESSE WAYNE	Canton, O., and 538 Howell Ave.
FROWE, STANLEY LOVE	1720 Fairfax Ave.
FRUIT, EDGAR WILLIAM	Jellico, Tenn., and 446 Dixmyth Ave.
GATEWOOD, ARTHUR PAUL	Crown City, O., and 2020 Elm Ave., Norwood, O.
GAYER, LOUIS JOHN	Liberty and Vine Sts.

GINDELE, DONALD FULTON	3641 W. 8th St.
GRAUER, DEAN IRVIN	33 E. McMillan St.
GOODMAN, ABRAHAM BAYER	3441 Hallwood Pl.
GORMAN, WILLIAM CAMPBELL	636 Bakewell St., Covington, Ky.
GRAVES, EDWARD	Front and Washington Sts., Bellevue, Ky.
GRAY, GEORGE JUSTIS	Buckingham Ave., Mt. Washington
GRAYBROOK, ALBERT ELHANAN	New Albany, Ind., and 2330 Wheeler St.
GREEN, BURWELL PHILIP	2231 Burnett Ave.
GREGSON, WALLACE CARL	Austin, Minn., and 2521 Auburn Ave.
GRUNENTHAL, CHARLES JOSEPH	3661 Paxton Rd.
GUMAER, GEORGE DOLPH	Coronado, Cal., and 2711 Park Ave.
HAACK, CARL J.	Southgate, Ky.
HALE, ELIJAH BENTON	Hindman, Ky., and 2507 Auburn Ave.
HALL, HARRY EMERSON	1360 Myrtle Ave.
HAMMOND, DAVID DICK	Sanford, Fla., and 2521 Auburn Ave.
HANNAFORD, ROGER MOORE	730 Derby Ave.
HANSEN, HARRY OLAF, JR.	Blytheville, Ark., and 2115 Williams Ave., Norwood, O.
HANSEN, THEODORE OTTO	Alliance, O., and 2917 Jefferson Ave.
HARKNESS, CLIFFORD EPPLY	2034 Courtland Ave., Norwood, O.
HARDING, JACK ROBERT	Lincoln and Stanton Aves.
HARRELL, WALTER JESSUP	Cleves, O.
HARTMAN, ARTHUR ELMER	652 Steiner Ave.
HAWK, CHARLIE J.	North Baltimore, O., and 2521 Auburn Ave.
HAWKINS, GORDON ARVILLE	Sharonville, O.
HAWKINS, STANLEY MORRISON	Orchard Pk., N. Y., and 2351 Wheeler St.
HEINE, RAYMOND	Sidney, O., and 2521 Auburn Ave.
HENDRICKS, ANTHONY BERT	3105 Paxton Rd.
HERRNSTEIN, ROBERT HENRY	3738 Oakley Ave.
HESS, EDGAR BERNARD	Chillicothe, O., and 266 Senator Pl.
HILKER, GEORGE HERMAN	123 Valencia St.
HILL, WILLIAM WALLACE	Mason, O.
HIMELFARB, NORMAN WARREN	734 Richmond St.
HINSCH, LUCIEN ROWLAND	2333 Upland Pl.
HORN, HAROLD RAPHAEL	733 E. Ridgeway Ave.
HOWARD, RICHARD CRAIG	Vallejo, Cal., and 250 Senator Pl.
HUCKE, RALPH FRANK	2109 Madison Ave., Norwood, O.
HUEMMER, EARL MICHAEL	3239 Glendora Ave.
HUGHES, GEORGE HERMANN	Washington, D. C., and 2437 Clifton Ave.
HUMPHRIES, JOHN WILLIAM	3440 Larona Ave.
IMBODEN, HOWARD L.	Dayton, O., and 3251 Glendora Ave.
ISLER, WALTER	La Crescent Union and 3820 Floral Ave., Norwood, O.
JEANMOUGIN, RONALD	658 Hawthorne Ave.
JENKINS, ISAAC GRAY, JR.	Royal Oak, Mich., and Delmoor Apts.
JENNE, EVERETT LINCOLN	Gouverneur, N. Y., and 2509 Auburn Ave.
JOHANNICMAN, CLARENCE	481 Riddle Rd.
JOHNSON, STANLEY CORY	Bucyrus, O., and 376 Howell Ave.
JONES, PIERPONT	Erie, Pa.
KAMM, ELMER JOSEPH	8354 Anthony Wayne Ave.
KAPLAN, MAX	1239 Manns Ave.
KAPPEL, ROBERT E.	214 Bosley St.
KELLY, JACK D.	2909 Werk Rd.
KENNEDY, FLORENCE	1821 Kinney Ave.
KIRSCHNER, CARL	Sunman, Ind., and 421 Clinton St.
KITTREDGE, ROBERT L.	250 Greendale Ave.
KNIGHT, HOWARD MURL	Portage, O., and 253 Hosea Ave.
KOEBLE, EDGAR FRANCIS	Owensville, O.
KRIFT, BERNARD RAYMOND	135 Ehrman Ave.

KRIEDLER, WILLIAM H.	3616 Trimble Ave.
LA FAVER, LOYAL HAZER	Gladstone, Mich., and 355 Terrace Ave.
LAITUR, MARTIN	Ashtabula, O., and 242 McCormick Pl.
LAMBERT, CHARLES C.	3024 Fairfield Ave.
LONDON, KENNETH PERRY	Meadville, Pa., and 3018 Sander St.
LONDON, RANSOM DURRELL	Silver Creek, N. Y., and 370 Howell Ave.
LANE, ROSS LESTER	Pittsburgh, Pa., and 321 McGregor Ave.
LAUBACH, ROBERT FRANK	Hamilton, O.
LEAKE, JOHN WINN	Louisville, Ky., and 140 W. University Ave.
LEASE, JOHN HOLLAND	5737 Bramble Ave.
LEASURE, RALPH B.	Altoona, Pa., and 2521 Auburn Ave.
LEHMANN, SAMUEL J.	4315 Eastern Ave.
LEIBENDERFER, JOHN EDWARD	Dayton, O., and 2210 Ohio Ave.
LESSARD, WILFRED EDWARD	Baton Rouge, La., and 331 Straight St.
LEVIN, MORRIS J.	740 W. Court St.
LEVY, ARTHUR MARCUS	Charleston, W. Va., and 3588 Bogart Ave.
LEWIS, ROBERT B.	15 Walnut Ave., Wyoming, O.
LEWIS, ROBERT C.	Connersville, Ind., and 230 W. McMillan St.
LIEBRICH, LUTHER WINSON	Oxford, O., and 2245 Flora St.
LINDSLEY, MILTON FLETCHER	King's Mills, O., and 268 Calhoun St.
LODWICK, FRANK LOCKE	3095 Linwood Road
LONG, JOHN MARSHALL	Charleston, Ind., and 176 W. McMillan St.
LOUNSBERY, ELLIOT LONDON	Chicago, Ill., and 2437 Clifton Ave.
LUTZ, MARTIN	Nelsonville, O., and 2427 Clifton Ave.
MCCLURE, ROBERT ARTHUR	Dayton, O., and 2419 Moerlein Ave.
MCLEAN, STUART O.	6225 Ridge Ave.
MCMANUS, THOMAS FRANCIS	Keokuk, Ia., and 616 Straight St.
MC MATH, JAMES CONRY	3524 Wabash Ave.
M McNAIR, LLOYD EDWIN	Bethel, O.
M McNARY, JAMES CAMPBELL	Dayton, O., and 3251 Glendora Ave.
M McNARY, ROBERT REED	Dayton, O.
MAGILL, EUGENE P.	4610 Simpson Ave.
MARSHALL, KENNETH	704 Patton St., Covington, Ky.
MARTIN, HARRY WILLEVER	Middletown, O., and 230 W. McMillan St.
MARTIN, LESTER EDWARD	Elm and Kenner Sts., Ludlow, Ky.
MATHEWS, JAMES D.	New Albany, Ind., and 409 Southview Ave.
MATNEY, LOWELL HORACE	Connersville, Ind., and 230 W. McMillan St.
MAURER, JOHN	2924 Jefferson Ave.
MAY, ADRIAN	2 Lenox Lane
MENARD, PAUL WM.	241 Emming St.
MILLER, EDWARD MORNER	610 S. Second St., Hamilton, O.
MILLER, RALPH ALEXANDER	249 Albion Pl.
MILLER, RAYMOND ADDISON	Lebanon, O., and 268 Calhoun St.
MITCHELL, DONALD HENRY	Topeka, Kans., and 331 Straight St.
MOLLOY, HARRY LEE	345 McAlpin Ave.
MOORE, HAROLD ANTHONY	1542 Queen City Ave.
MOORE, MORRIS EARLE	Winchester, O., and 1628 Elktion Pl.
MOORE, WILLIAM STERLING	Batavia, O., and 3442 Brookline Ave.
MOWLDS, KENNETH STEWART	Edge Moor, Del., and 3430 Brookline Ave.
NEWBOLD, L. TRUMAN	Washington, D. C., and 140 W. University Ave.
NEWHART, HAROLD GUTHRIE	3106 Euclid Ave.
NICHOLS, MALCOLM BANCROFT	315 Bryant Ave.
NIEBAUM, WALTER EDWARD	2137 Freeman Ave.
NOBLE, GEORGE GRAVES	Abington, Pa., and 2210 Ohio Ave.
NULL, CHARLES H.	Johnstown, Pa., and The Roanoke Apts.
OGDEN, STUART WALKER	Geneseo, Ill., and 409 Southview Ave.
OKEY, RALPH	Monmouth, Ill., and 70 Ehrman Ave.

PAUL, CHARLES EUGENE.....	Altoona, Pa., and 2521 Auburn Ave.
PAULSON, EMERY ALBERT.....	Rockford, Ill., and 124 Lyon St.
PAYNE, EARL DAVIS.....	6327 Beechmont Ave.
PEASE, JOHN WEMPLE.....	841 Ridgeway Ave.
PENDERY, JAMES MORROW.....	4262 Ashland Ave., Norwood, O.
PFLEGER, ROBERT.....	3523 Clifton Ave.
PFOERTNER, ALFRED HERMAN.....	Caseyville, Ill., and 309 Ludlow Ave.
PHILLIPS, EDWIN WESLEY.....	Warren, Pa., and 2344 Clifton Ave.
PIERCE, GREER HARTSEL.....	Huntington, W. Va., and 3442 Brookline Ave.
PIKE, DONALD ESTERLY.....	Canton, O., and 2384 Wheeler St.
PINNY, EDWARD BRYANT.....	Danvers, Mass., and 70 Ehrman Ave.
PLADIES, WILLIAM J.....	Dayton, O., and 2330 Wheeler St.
POAGE, LYTLE METCALFE.....	4403 Michigan Ave., Covington, Ky.
PORTER, CHARLES TORRY.....	3632 Evanston Ave.
POWNALL, HERMAN BAYLESS.....	Manchester, O., and 9 E. 8th St.
PRAY, ROBERT CRAFTS.....	Williamsport, Pa., and 2630 University Court
PRICE, EDWIN LEWIS.....	32 Hereford Ave.
PROCTOR, RALPH W.....	Indianapolis, Ind., and L. B. Harrison Hotel
RAWHOUSER, CLARENCE.....	York, Pa., and 2509 Auburn Ave.
RAY, CHARLES AUBREY.....	Charleston, W. Va. and 413 Southview Ave.
RAYMOND, PETER ROMINE.....	Farmville, Va., and 111 E. Auburn Ave.
REELY, EDMUND WILLIAM.....	5114 Stewart Pl.
REKART, ROBERT.....	3237 Berwyn Pl.
RICHARDS, GEORGE MARION.....	Cortland, O., and 616 Straight St.
RIGHT, ALBERT.....	4369 Eastern Ave.
ROBERTS, DAVID MCLEOD.....	El Paso, Tex., and 1912 Young St.
ROBERTS, GLENN FRANKLIN.....	614 Main St., Dayton, Ky.
ROBISON, KENNETH LOGUE.....	Urbana, O. and 2513 Ohio Ave
ROCH, JOHN MAX.....	Denison, Ia., and 2358 Clifton Ave.
ROETKEN, A. ALLEN.....	3540 Park Drive, Covington, Ky.
ROETTGER, ANNA MARIE.....	Lancing, Tenn., and 2319 Flora Ave.
ROETTGER, LILLIAN.....	Lancing, Tenn., and 2319 Flora Ave.
ROLFES, THEODORE, JR.....	211 Sterrett Ave., Covington, Ky.
ROSE, ARTHUR.....	1240 Delta Ave.
ROSSMAN, GEORGE DENISE.....	Franklin, O., and 140 W. University Ave.
ROSS, CLEM FRANKLIN.....	Plainview, Tex., and 43 E. McMillan St.
ROUSE, HOMER VIOLETTE.....	Crittenden, Ky., and 43 E. McMillan St.
ROUSH, DEFOREST ROBINSON.....	Hillsboro, O., and 2352 Wheeler St.
RYAN, ALBERT O.....	415 Linden Ave., Covington, Ky.
RYAN, HOWARD EARL.....	Addyston, O.
SACK, J. ANDREW.....	3793 Millsbrae Ave.
SALTER, JAMES HENRY.....	214 W. Clark St., Middletown, O.
SANDS, CHARLES MARTIN.....	90 Oak St., Ludlow, Ky.
SANFORD, FRANK.....	Conneaut, O., and 242 McCormick Pl
SANGER, JOHN L.....	Milton, Pa., and 242 McCormick Pl.
SAVERY, RICHARD GURNEY.....	Coldwater, Mich., and 27 Lakewood Ave.
SCHAEFF, LUTHER RICHARD.....	Dayton, O., and 2330 Wheeler St.
SCHAEFERKLAUS, HARRY.....	3841 Lovell Ave.
SCHIERLOH, STANLEY DAVIS.....	227 Wayne Ave., Lockland, O.
SCHIPPER, ALEX. I.....	130 W. McMillan St.
SCHMIDT, JULIUS.....	165 Linden St., Ludlow, Ky.
SCHMIDT, ROLAND LOUIS.....	352 Hearne, Ave.
SCHOTT, THEODORE ROBERT.....	Marion, O., and 2477 Paris St.
SCHUBERT, GEORGE WARREN.....	Hamilton, O., and 2358 Stratford Ave.
SCOTT, EARLE EDWIN.....	Chattanooga, Tenn., and 2352 Wheeler St.
SEITER, EUGENE FRANK.....	Marion, O., and 2477 Paris St.
SEVING, ELMER M.....	Sidney, O., and 3550 Idlewild Ave.

SHAWHAN, ARTHUR GADIS.....	Loveland, O.
SHEPARD, HOWARD EUGENE.....	Van Etten, N. Y., and 443 Riddle Rd.
SIMON, FRANK EDWIN.....	2467 Thompson Ave.
SIZELOVE, JOHN, JR.....	Camden, O., and 536 Howell Ave.
SKEER, JOHN D.....	3 Riverside Parkway, Ft. Thomas, Ky.
SMITH, HAROLD FREDERICK.....	Canton, O., and 2352 Wheeler St.
SMITH, JOHN WALLACE.....	Crittenden, Ky., and 70 Ehrman Ave.
SMITH, MARION RUSSEL.....	Buda, Ill., and 2344 Clifton Ave.
SMITH, NEIL VIRGIL.....	Lutesville, Mo., and 2509 Auburn Ave.
SMOOT, JAMES C., JR.....	N. Wilkesboro, N. C., and 3411 Clifton Ave.
STACE, JUSTIN BEVIS.....	2849 Pleasant Ave., Hamilton, O.
STAMLER, RAYMOND.....	Paris, Ky., and 230 W. McMillan St.
STAPP, DARWIN LEE.....	Tower Pl., Ft. Thomas, Ky.
STEINER, ANDREW.....	Sharonville, O.
STEVENS, EDWIN B.....	1320 Grace Ave.
STEWART, PHILIP.....	Hershel Ave.
STILLMAN, MERLE C.....	Eldred, Pa., and 2382 Wheeler St.
STRASBURGER, WILLIAM FREDERICK.....	2330 W. McMillan St.
SUTPHIN, GEORGE ROBERT.....	Middletown, O., and 140 W. University Ave.
SUTTER, KENNETH.....	Cleveland, O., and 1347 Duncan Ave.
TAYLOR, CLARENCE W.....	Richmond, Ind., and 2382 Wheeler St.
TAYLOR, CLINTON L.....	Rockford, Ill., and 2325 Rohs St.
TERRILL, IVAN DEWITT.....	Troy, O., and 3120 Jefferson Ave.
THILL, CLARENCE CARROLL.....	Rockford, Ill., and 124 Lyon St.
THOMPSON, OLIVER OGDEN.....	617 Park Ave., Newport, Ky.
TIELKING, J W.....	2908 Vaughn St.
TOMAZA, CORNELL JOHN.....	2024 Plum St.
TRAME, CHARLES HENRY, JR.....	38 W. 4th St., Covington, Ky.
TRAUTMAN, RALPH.....	Georgetown, O., and 220 Lyon St.
TRESTER, W. DONALD.....	Greensburg, Ind., and 2661 Bellevue Ave.
TRIESLER, ADOLPH WAGER.....	Hagerstown, Md., and 230 W. McMillan St.
TROUT, CLARENCE LAWRENCE.....	N. Baltimore, O., and 2521 Auburn Ave.
ULMER, JOSEPH WALTER.....	437 Clark St.
UPHAM, PAUL KINNEY.....	4904 Stewart Pl.
UPSEN, CHARLES HAROLD.....	8266 Woodbine Ave.
VOSMER, EDWARD ALBERT.....	1916 Clarion Ave.
WALKER, JOHN RANDALL.....	39th St., and Lincoln Ave., Covington, Ky.
WALLACE JAMES R.....	Dayton, O., and 46 Lakewood Ave.
WALTER, EDWIN JULIUS.....	310 Straight St.
WALTZ, TOM ALLEN.....	263 McGregor Ave.
WARM, LOUIS JULIUS.....	742 Greenwood Ave.
WEBER, EDMUND HUGH.....	Dexter, Mo., and 2661 Bellevue Ave.
WEDIG, HENRY E.....	4834 Plainville Rd.
WEINBERGER, EUGENE.....	867 Hutchins Ave.
WEINTRAUB, DANIEL JACOB.....	510 W. 5th St., Newport, Ky.
WEISEL, WILLIS L.....	Chalfont, Pa., and 2325 Rohs St.
WELSH, LEE MAYER.....	1355 Flemming Pl.
WEMPLE, HARRY FOWLER.....	Rockford, Ill., and 2325 Rohs St.
WENDEL, ALBERT JOHN.....	142 E. McMicken Ave.
WENDT, OTTO GEORGE.....	6415 Coleridge Ave.
WETTER, WILL CARL.....	Indianapolis, Ind., and 443 Riddle Rd.
WICKEMEYER, CASPER.....	6330 Kennedy Ave.
WICKENS, PAUL NORBERT.....	Greensburg, Ind., and 2661 Bellevue Ave.
WILKINSON, STEPHEN BANKS.....	Hattiesburg, Miss., and 2630 University Ct.
WINTER, JOHN EVERRETT.....	Miles City, Mont. and 3440 Bishop St.
WIRTHWINE, DONALD MILLIKIN.....	2050 Courtland Ave., Norwood, O.
WODISCH, KARL.....	Dayton, O., and Central Y. M. C. A.

WOLF, WILLIAM FRANCIS.....	Dennison, Ia., and 2358 Clifton Ave.
WOLSDORF, CARL CHRISTIAN.....	2329 Flora St.
WOODHULL, J. R.....	Yonkers, N. Y., and 3430 Brookline Ave.
WOODMANSEE, R. B.....	2210 Ohio Ave.
WORNICK, WALTER.....	Springfield, Vt., and 376 Howell Ave.
YOUNG, IRWIN PENN.....	St. Clairville, O., and 3330 Jefferson Ave.
ZIERDT, CLIFFORD K.....	Hazleton, Pa., and 4018 30th St., Oakley
ZIMMERMAN, GEORGE JOHN.....	1117 Cypress Ave.
ZIMMERMAN, WILLIAM EUGENE.....	Congress Ave., Glendale, O.

SPECIAL STUDENTS

CASE, LAURENCE LE ROY.....	4020 Elsmere Ave., Norwood, O.
CHRISTMAN, WALTER H.....	3637 Dawson Ave.
COONS, EDGAR, D.....	5629 Bramble Ave.
DU BRUL, STEPHEN.....	835 Beecher Ave.
HECKER, CHARLES HUGO.....	2032 Elm Ave., Norwood, O.
HESS, RALPH E.....	645 Riddle Rd.
HEUCK, CARL HUBERT.....	241 Senator Pl.
HOLDT, ROBERT ADAIR.....	2530 Auburn Ave.
HUMPHREY, NAYLOR BRYAN.....	Wickliffe, Ky., and 39 W. McMillan St.
JENKINS, RICHARD BLAKE.....	3517 Monticeth Ave.
NESPER, ORVILLE.....	3118 Glendora Ave.
PERRY, HAROLD D.....	Brooklyn, N. Y., and 2228 Nelson Ave.
PINGER, EDGAR ELLSWORTH.....	2644 W. Sixth St.
Tse, Tsok CHOY.....	Kwangtung, China, and Bishop and Lakewood Aves.
WEINTRAUB, ABE.....	510 W. 5th St., Newport, Ky.

EVENING COMMERCE COURSES

DEGREE STUDENTS

ARMSTRONG, ROBERT M.....	1014 Locust St.
BOWEN, HUGH MURRELL.....	3330 Jefferson Ave.
FIELMAN, FREDERICK GEORGE.....	2519 Vine St.
GOERING, ALBERT WILLIAM.....	31 E. McMicken Ave.
HABEKOTTE, GEORGE FREDERICK.....	3232 Beresford Ave.
HIBARGER, EDWIN G. [LA].....	3330 Jefferson Ave.
HILLER, CARL A.....	2307 Ohio Ave.
HOSTETLER, EMIL TENNYSON.....	1933 Delaware Ave.
JOHNSON, GLENN HAYES.....	117 W. Eighth St.
MCGOWAN, JOHN HARRY.....	2345 Upland Pl.
PHILLIPS, CECIL ST. JOHN.....	705 York St., Newport, Ky.
ROBINSON, LOUIS CLARK [ELA].....	3330 Jefferson Ave.
SCHWETTMAN, HARRY WILLIAM.....	5209 Whetsel Ave.
SCOTT, NICHOLAS IRWIN.....	3955 Elsmere Ave., Norwood, O.
SORGEL, RUTH.....	3235 Harvey Ave.
TISCHLER, ANTON WURLITZER.....	Yale and Gilbert Aves.
WULFORST, WILLIAM EDWARD.....	4302 Greenlee Ave., St. Bernard, O.

CERTIFICATE STUDENTS

ALLEN, MARGARET JULIA.....	904 Nassau St.
ALTHAUSER, LESTER WILLIAM.....	1721 Westwood Ave.
ATKIN, WILBUR R.....	405 Franklin St., Hamilton, O.

BAAS, JOHN	4 Koenig Ave.
BAUER, IDA J.	3450 Vine St.
BAUER, NEIL	5867 Kennedy Ave.
BECK, ELSIE AMELIA	419 E. Mitchell Ave.
BERTSCHE, W. C.	2362 Ravine St.
BETZ, HERBERT HERMAN	3928 Lindley Ave., Norwood, O.
BICKNAVER, WILLIAM	1081 Wilstach St.
BIEN, JOSEPH J.	3026 Woodburn Ave.
BOEHRINGER, RAYMOND C.	2343 Chickasaw St.
BREUER, CLARENCE RICHARD	Hamilton Ave., North College Hill, O.
BROWN, HELEN EDMUNDS	2215 Washington Ave., Norwood, O.
BURKA, LOUIS	746 Terry St.
CARLEY, THOMAS JAMES	1325 Grace Ave.
CARMICAL, ROBERT W.	225 W. Ninth St.
CARTWRIGHT, HAROLD CHESTER	1612 Gilsey Ave.
CLARK, CLIFFORD E.	3673 Wilshire Ave.
CONNER, MILES WALTER	6010 Bramble Ave.
CREWETT, LISTON LEWIS	3059 Mathess St.
CURRY, CORNELIUS JOHN	822 Kirbert Ave.
DALL, ALBERT HERMAN	2137 Central Ave.
DEMAK, WILLIAM BAER	705 Nelson Pl., Newport, Ky.
DOLLRIEHS, CHRISTINA F.	2288 Loth St.
DORN, ERNST W.	106 W. McMicken Ave.
DOSSMAN, OSCAR JOSEPH	2899 Marshall Ave.
DROSTE, OSCAR A.	27 Bank Ave., St. Bernard, O.
EASTON, CHARLES DAVISON	141 Hereford Ave.
FAGIN, PAUL GLENN	1832 Hopkins Ave., Norwood, O.
FELDMAN, HARRY BENJAMIN	517 Betts St.
FELSON, ISIDOR	410 Hopkins St.
FISCUS, BENJAMIN F.	36 Parkway Ave.
FISCUS, CORNELIUS ABRAHAM	4718 Castle Pl.
FISHER, HARRY CHARLES	3664 Vine St.
FLOTO, CARL THOMAS	540 W. Seventh St.
FLYE, HARRY ORLANDO	4236 Thirty-first St.
FORRESTER, IRVINE	90 E. Mitchell Ave.
FRANK, JOSEPH	2944 Sidney Ave.
FRIDMAN, LINN	26 The San Carlos
FRIEDLEIN, CHESTER HARRY	5203 Montgomery Ave.
FRIEND, IRWIN F.	The Fenwick Club
GAUSMAN, E. J.	1121 Dayton St.
GELLENBECK, JR., ALBERT HENRY	407 Resor Ave.
GELWICKS, JAMES HOWARD	218 Twain Ave.
GEYLER, ETHEL LILLIAN	1342 Aster Pl.
GIBSON, HUGH CARROLL	138 Myrtle Ave.
GLANCY, EARNEST	4211 Thirty-fourth St.
GOLDBERG, EDWARD LEE	422 Dexter Ave.
GOLDSTEIN, MOSES HERMAN	421 Armory Ave.
GORDON, JAMES SLOANE	3804 Mt. Vernon Ave.
GRIFFIN, DAVID BUTRON	157 Grand Ave., Ft. Thomas, Ky.
GRIMA, EDGAR LUCIDUS	23 E. Eighth St.
GROENE, WILLIAM ELLSWORTH	1311 Delta Ave.
GROSS, ALICE MAY	2413 Kenton St.
GROSS, WALTER LOUIS	9 Estelle St.
GUCKENBERGER, EDGAR FREDERICK	3469 Brookline Ave.
HAERING, GUSTAV ADOLPH	245 Kearney Ave.
HAIN, HARRIS H.	1513 Blair Ave.
HAMBRICK, MARVIN DANIEL	3134 Hackberry St.

HARTSHORN, MATTHEW L.....	Asheville, N. C., and 2426 Maplewood Ave.
HASENOHR, THEODORE CHRISTIAN.....	2329 Vine St.
HECKLE, HENRY WATERHOUSE.....	2310 Highland Ave.
HENKE, WILLIAM HENRY FRED.....	4606 Winton Rd.
HERBST, IRVIN.....	3302 Harrison Ave.
HESSE, WALTER H.....	3745 Borden St.
HEWES, CECILE BYRD.....	2338 Kemper Lane
HINES, THOMAS.....	636 W. Ninth St.
HIRSCHFELD, RAYMOND MORITZ.....	318 Main St., Maysville, Ky.
HOBART, EVERETT.....	2820 Winslow Ave..
HOFF, FRIEDA EMMA.....	407 Mohawk St.
HOFFMAN, LOUIS JOHN.....	3542 Michigan Ave.
HOFFMAN, STEPHEN MATTHEW.....	933 W. Court St.
HOLOCHER, CLARENCE.....	222 Mulberry St.
HOLOCHER, GILBERT HENRY [ELA]	222 Mulberry St.
HUCKE, NORMA DOROTHY.....	404 Lombardy Ave., Elmwood Place, O.
HULL, WILLIAM BUSHNELL.....	3007 Kerper Ave.
HUY, ELMER LOUIS.....	1636 Baltimore Ave.
JACKMAN, JULE.....	1316 Locust St.
JACOBY, GEORGE WILENT.....	345 McAlpin Ave.
JONES, LILLIAN E.....	8435 Burns Ave.
KARCHER, JOHN PAUL.....	2832 Observatory Rd.
KAUFMAN, ARMIN GEORGE.....	2526 Homestead Pl.
KENNEDY, MARY E.....	815 Oak St.
KENNEDY, MARY ERSKINE.....	2527 Columbia Ave.
KEOWN, WILLIAM FRANCIS.....	522 Overton St., Newport, Ky
KING, CHARLES S.....	2426 Maplewood Ave.
KOUDRITZER, JULIUS ROBERT.....	382 S. Jefferson Ave., Norwood, O.
LABOITEAUX, HENRY CIST.....	5300 Hamilton Ave.
LATHROP, CHARLES EUGENE.....	2 Harris Bldg., Norwood, O.
LAUBER, FRANK EDWARD.....	Rapid Run Pike
LE SAINT, VERENA.....	3542 Bevis Ave.
LITTEL, WORTH.....	2477 Wahl Terrace
LLOYD, THOMAS SIBLEY.....	Terrace Park, O.
LORENZ, WILLIAM J.....	4367 Eastern Ave.
LYGHTEL, EDWARD LEE.....	951 Findlay St.
MCCAFFERY, THOMAS WILLIAM.....	3336 Graydon Ave.
MCMALE, RUSSELL GEORGE.....	2523 Moorman Ave.
MCLAUGHLIN, HARRY WILLIAM.....	208 Calhoun St.
MADER, CYRIL JOHN.....	519 Fifth Ave., Dayton, Ky.
MAHON, JAMES STEPHEN [ELA].....	238 McCormick Pl.
MAY, GUSTAV.....	Niles and Halpin Aves.
MEISTER, GEORGE MICHAEL.....	2364 Ravine St.
MEYER, JOHN.....	500 Milton St.
MILLER, GEORGE WASHINGTON.....	2111 Fulton Ave.
MILLER, HERBERT TISE.....	98 Washington Terrace
MILLER, HERBERT WARREN.....	1705 Westwood Ave.
MOYER, SAMUEL ALLEN.....	4854 Morse St.
MUELLER, CARL JACOB.....	1808 Sycamore St.
MURRAY, CHARLES WALTER.....	4910 Lloyd Ave., Norwood, O.
MYERS, HERBERT DAVID.....	2381 Mound Ave.
NACHMAN, HENRY.....	3725 Reading Rd.
NEUMANN, ROBERT.....	3010 Scioto St.
NEWMAN, JOSEPH FRANK.....	1325 Cutter St.
NIEHAUS, JOHN FERDINAND.....	1612 Broadway
NUNN, ELLSWORTH LIONELL.....	1334 Main St.
ORR, EMMETT A.....	The Marzella, Covington, Ky.

PFENNIGWORTH, LEROY.....	1830 Holman Ave., Covington, Ky.
PRICE, WALTER WATKIN.....	459 Olden Ave., Arlington Heights, O.
RAABE, ELMER C.....	3313 Spokane Ave.
RAHN, MARIE CATHERINE.....	269 W. McMillan St.
RAMAGE, DAVID.....	1105 Elm St.
REARDON, ARTHUR EDWARD.....	1078 Wade St.
REARDON, ELIZABETH M.....	1032 Hanfield St.
REIS, ALFRED THOMAS.....	135 Winkler St.
REISS, NORMA GEORGIANA.....	4338 Pitts Ave.
REISMAN, PHILIP HARRIS.....	The Central Y. M. C. A.
RICHARD, ARTHUR MARX.....	520 Overton St., Newport, Ky.
RICHARDSON, CHARLES BONSELL.....	2916 Minot Ave.
RODNER, JACOB.....	725 Clinton St.
ROSENBERG, SIDNEY.....	252 Albany Ave.
RUNK, WALTER LEROY.....	4526 Floral Ave., Norwood, O.
SCHABER, OSCAR B.....	616 Vine St.
SCHAEFER, RUDOLF BERNARD.....	3655 Russell Ave.
SCHAFFNER, JOHN GEORGE.....	2348 Victor St.
SCHMEISER, ALBERT EDWARD.....	4210 Twenty-eighth St.
SCHOENEBAUM, HERBERT GEORGE.....	1608 Main St.
SCHOENECKER, JOSEPH M.....	504 Klotter Ave.
SCHOEPPPEL, CARL F.....	2514 W. McMicken Ave.
SCHWENKMEYER, EMMA.....	1674 Pullan Ave.
SCHWETTMAN, WILLIAM CARL LOUIS.....	5209 Whetsel Ave.
SEIBERT, JOHN PHILLIP.....	2356 Liddell St.
SHARTLE, ROBERT A.....	208 Calhoun St.
SIEKMANN, HAROLD JOHN.....	2883 Minot Ave.
SIMMONS, J. T.....	3224 Gilbert Ave.
STARNBACH, MORRIS.....	702 Patterson St.
STEVENS, WALTER BONFOEY.....	3627 Edwards Rd.
STOBER, MARTIN JOSEPH.....	1987 Madison Rd.
STOCKER, ROBERT HERMAN.....	2348 Chickasaw St.
STUCKENBERG, HENRY MALCOLM.....	7 The Roanoke
SWEENEY, HOWARD THOMAS.....	1864 Hewitt Ave.
THOMAS, HAROLD WILLIAM.....	1424 E. McMillan St.
THOMPSON, THURMAN EDWARD.....	1845 Reading Rd.
VALENTINE, PAUL.....	30 Louis Ave.
VANCE, CHARLES EDWARD.....	229 Hartwell Ave.
VANDERBILT, GEORGE.....	1134 Sherman Ave.
VARELMAN, FLORENCE JOANNE.....	3520 Edwards Rd.
WAGNER, ROBERT HARTLEY.....	1619 Mansfield St.
WALKER, ADAM LOUIS.....	461 Dayton St.
WALTER, EARL HENRY.....	104 Winkler St.
WARNS, MARGARET META AUGUSTE.....	208 Klotter Ave.
WEBER, GEORGE.....	2989 Gilbert Ave.
WEINGARTNER, THEODORE FRANK.....	1048 W. Liberty St.
WHITNEY, WILLIAM.....	R. R. No. 1, Cleves, O.
WIEDEMER, ROY.....	4821 Linden Ave., Norwood, O.
WILLIAMS, WARREN.....	601 E. McMillan St.
WILSON, GORMAN CARROLL.....	44 E. McMillan St.
WITT, OTTO F.....	57 Hooper St., Clifton, Ky.
WOLFE, JOHN JOSEPH.....	2412 Kenilworth Ave., Norwood, O.
WOLFSON, BENJAMIN.....	127 Green St.
WOLLENBERG, EDMUND GEORGE.....	270 Dorchester Ave.
WUEST, FRANK LOUIS.....	451 Ludlow Ave.
WYKOFF, JOHN EDWARD.....	19 W. Nixon St.
YALEN, CLARA.....	2253 Spring Grove Ave.

YOUNG, ALVAH HOBART.....	3756 Regent Ave., Norwood, O.
YOUNG, BERNARD.....	5222 Ross Ave.

SPECIAL STUDENTS

AARON, BENJAMIN ERNST.....	511 Prospect Pl.
ADAMS, ROBERT LE GRANDELE.....	4526 Floral Ave., Norwood, O.
AMBROSE, BESSIE.....	911 Hawthorne Ave.
ALLENDER, EDNA MAE.....	Third and Lytle Sts.
ARGO, RALPH C.....	6321 Savannah Ave.
ARNOLD, CHARLES LESTER.....	No. 8 The Roanoke
ARNOLD, WILLIAM FREDERICK.....	1667 Harrison Ave.
AUTEN, LEWIS KATES.....	403-B The Parkway
BARRY, G. H.....	Ludlow, Ky.
BARTEL, ABRAHAM.....	3100 Harvey Ave.
BATES, ETHAN S.....	350 Resor Ave.
BEAR, HENRIETTA MOORE.....	1315 Meier Ave.
BECKER, CHARLES.....	1700 Harrison Ave.
BEHLER, MYRTLE LOMA.....	3406 Beaumont Pl.
BERGELT, EDWIN.....	2101 Vine St.
BETZING, EDWARD T.....	Findlay and Logan Sts.
BIDLINGMEYER, CHARLES JOHN.....	2577 Sage Ave.
BIERBAUM, FREDERICK A.....	1028 Intermediate Ave.
BISHOP, JAMES STANLEY.....	2364 Laredo Ave.
BLOCH, LOUIS JOHN.....	3025 Fairfield Ave.
BOAKE, GEORGE GLOVER.....	2816 Madison Rd.
BOENKER, HOWARD HENRY.....	4208 Kirby Ave.
BORCHERDING, ELMER CHARLES.....	3840 Forest Ave., S. Norwood, O.
BORCHES, WILBUR.....	840 Central Ave., Newport, Ky.
BOWYER, HERSCHEL H.....	2360 St. James Ave.
BRAAM, JOST A.....	1521 Grove St.
BRAAM, LOUISE EMILY.....	3736 Regent Ave., S. Norwood, O.
BRADFORD, LAWRENCE CORNELIUS.....	704 Vine St., Dayton, Ky.
BRADLEY, FLORENCE MARIE.....	939 Paradrome St.
BRADLEY, SADIE CECELIA.....	939 Paradrome St.
BRANDHORST, HARRY ERNST.....	1554 Lingo St.
BRANDT, ALICE MARY.....	3703 Michigan Ave.
BRELSFORD, BERTRAM.....	The Central Y. M. C. A.
BRENDAMOUR, LOUISE PAULINE.....	1928 Delaware Ave., Norwood, O.
BRONSON, J. BARTLE.....	2630 University Court
BROWN, ANDREW A.....	3109 Highland Ave.
BROWN, GEORGE CARLTON.....	2630 University Court
BROWN, SAMUEL JAMES.....	401 Rockdale Ave.
BUCHHOLZ, WALTER.....	510 Riddle Rd.
BUENTE, SIBYL.....	4253 Hamilton Ave.
BUNNELL, EMERSON MUNCEY.....	513 Cooper Ave., Lockland, O.
BURNS, WILLIAM R.....	728 Wayne St.
BUTLER, WILLARD JAMES [ELA].....	2406 Norwood Ave., Norwood, O.
BUTTERWORTH, THOMAS JAMES.....	4231 Fergus St.
CAMMERER, LORETTA AMELIA.....	170 Warner St.
CAMPBELL, R. G.....	2833 W. Sixth St.
CARSON, JR., ARCHIBALD IRWIN.....	46 E. McMillan St.
CASEY, STANLEY.....	1622 Linden Drive
CHRISMAN, STANLEY.....	37 Highway Ave., Covington, Ky.
CHRISTOPHER, STANLEY BRYANT.....	8416 Woodbine Ave.
CONWAY, MARY MAGDALEN.....	2034 Symmes St.
COOK, PAUL.....	2816 Madison Rd.

CREGMILE, JOHN GRIFFIN.....	4825 Eastern Ave.
CRITCHELL, ELIZABETH SARAH.....	3 The Hardisty
CROSS, HERBERT HALLECK.....	567 Delta Ave.
CROWE, E. MARIE.....	3436 Lyleburn Pl.
CULLEN, WILLIAM B.....	525 Rockdale Ave.
CZERWINSKI, EDWARD R.....	3742 Applegate Ave.
DAHLMAN, ANNE MARIE.....	3215 Glendora Ave.
DANA, MADALENE.....	2870 McKinley Ave.
DAVIES, EVAN THOMAS.....	3560 Larkspur Ave.
DAVIS, ALLEN [ELA].....	347 Forest Ave.
DEAN, WILLIAM ELMER.....	1812 Freeman Ave.
DELIM, ELSIE LOUISE.....	1722 Fairfax Ave.
DHONAU, RAYMOND H.....	417 Southview Ave.
DICKENS, MERVIN.....	3770 Drake Ave.
DIRKSEN, JOSEPH.....	1614 Highland Ave.
DOERLER, ALBERT.....	523 Hickman St.
DOGGETT, FORREST JOSEPH [ELA].....	3436 Montiech Ave.
DOHRMANN, ELMER EDWIN.....	1714 Madison Rd.
DOLD, CHARLES NORMAN.....	4216 Forest Ave., Norwood, O.
DOLMAN, CHARLES BENNING.....	3322 Bonaparte Ave.
DOWNER, GEORGE BIZZEL.....	3722 Woodland Ave.
DOUGHTY, DOROTHY.....	3446 Golden Ave.
DREIFUS, ALVIN.....	835 Lexington Ave.
EARLE, IRVING CLAUDE.....	Sharonville, O.
ECKMAN, LOUIS JUSTUS.....	Langdon Rd.
EICHELBERGER, CHESTER G.....	3592 Saybrook Ave.
ELLIS, WILLIAM HARTSHORNE.....	5300 Hamilton Ave.
EMRICH, GEORGE ERNST.....	3212 Glendora Ave.
ENGELHARDT, ALBERT OTTO.....	2220 Stratford Ave.
ERSING, MORTON C.....	4112 Twenty-Ninth St., Oakley
FARBACH, HOWARD WALTER.....	The Glencoe Hotel
FARRELL, LAWRENCE GORDON.....	1120 Fuller St.
FAY, CHARLES E.....	4220 Ivanhoe Ave., Norwood, O.
FEENEY, KATHRYN MARGARET.....	2405 Auburn Ave.
FELDMAN, LEONARD JOHN.....	3650 Shaw Ave.
FILIPPINO, HELEN M.....	1639 Baltimore Ave.
FILIPPINO, OTTO.....	1639 Baltimore Ave.
FINE, HARRY B.....	612 Burr Oak Ave.
FISHBURN, FREDERICK REDMOND.....	Mitchell and Lowry Ave.
FITE, GEORGE H.....	17 The Alexandria
FLANAGAN, RALPH JAMES.....	323 Orchard St., Covington, Ky.
GEORNOD, JAMES W.....	763 W. Eighth St.
GERHARDT, LOUIS.....	4172 Chambers St.
GETTER, HERBERT LEROY.....	2300 Rohs St.
GOERTEMILLER, KARL HENRY.....	288 Oakmont Ave.
GOETZ, OSCAR JULIUS.....	3010 Melrose Ave.
GOLDSTEIN, RHEA.....	1 The Granada
GOTTFRIED, ROSE [ELA].....	432 Hickory St.
GREER, THOMAS LLEWELLYN.....	Locust St. and Bell Pl.
GRIZZEL, EDWIN IVAN.....	3789 Millsbrae Ave.
GUCKENBERGER, EDWIN AUGUST.....	2560 Observatory Rd.
HAAS, ARTHUR CHARLES.....	6112 Roe St.
HAHNLE, WALTER FEID.....	830 York St.
HAGEDORN, HAROLD MORRIS.....	3256 Burnet Ave.
HAHN, WILSON BELLVILLE.....	2653 Melrose Ave.
HALL, CECIL LAMAR.....	2926 Grasselli Ave.
HALLERMAN, LEANDER [LA].....	2221 Burnet Ave.

HAMILTON, IRENE C. [ELA].....	4208 Turrill Ave.
HASELMANN, GENE.....	750 Wells St.
HARKNESS, DONNA JOSEPH.....	2405 Auburn Ave.
HARRIS, ALICE ALETHE.....	1525 Gilpin Ave.
HARRISON, CHARLES LEARNER.....	2239 Grandin Rd.
HARSCH, GEORGE R.....	4825 Whetsel Ave.
HARVEY, EDWARD GEORGE.....	104 Fairfield Ave., Bellevue, Ky.
HARWOOD, JOHN RICHARD.....	1318 Beech Ave.
HATTENDORFF, RUDOLPH WILLIAM.....	3571 Colerain Ave.
HAVEN, WILLIAM.....	1687 Cedar Ave.
HAUCK, EVA LYDIA.....	935 Dayton St.
HAWKINS, J. M.....	4441 Ashland Ave., Norwood, O.
HEIL, MARCELLA [ELA].....	35 E. Clifton Ave.
HEINEMAN, ALMA LEONORE.....	3511 Stacey Ave.
HEITKAMP, FREDERICK BENJAMIN.....	2519 Bell Pl.
HENDERSON, ARMSTRED CLIFFORD.....	1021 Poplar St.
HENNINGS, EMILY WILHELMINA [ELA].....	710 Dixmyth Ave.
HENRY, DAVID BEEDLE.....	3778 Drake Ave.
HERBERT, ELEANOR M.....	308 Piedmont St.
HERRON, ROBERT OSWALD.....	3044 Daytona Ave.
HERZFELD, LOUIS MAYER.....	Helen St. and Burnet Ave.
HEY, WILLIAM HENRY.....	1334 John St.
HIGGINS, HUGH PRATT.....	2110 St. James Ave.
HIGH, H. W.....	1342 Grace Ave.
HILL, MARGARET MAY.....	1301 Cypress St.
HOFF, EDWARD J.....	134 Kinsey Ave.
HOFFMANN, ANTHONY ALBERT.....	933 W. Court St.
HOFFMANN, JOHN GEORGE.....	2965 Deckebach Ave.
HOGAN, WILLIAM PATRICK.....	3148 Jefferson Ave.
HOLLISTER, GEORGE BURTON.....	1887 Madison Rd.
HOLZMAN, WALLACE.....	808 Cleveland Ave.
HOPKINS, JOHN LIVINGSTON.....	744 Froome Ave.
HORNIKE, ARTHUR WALTER.....	Sta. K, R. 9, Colerain Pike
HUCKE, GEORGE H.....	560 E. Fourth St., Newport, Ky.
HUFNAGEL, EDNA.....	4349 Haight Ave.
IMBUS, HARRY CORNELIUS [ELA].....	1631 Iliff Ave.
ISAACK, EDWARD.....	2218 Victor St.
JACCOD, OSWALD MAX.....	2410 1/2 Iowa Ave.
JACOBS, HOWARD JOHN.....	2881 Losantiville Ave.
JOHNSON, EDGAR MAYER.....	626 Gholson Ave.
JONES, RUTH.....	2411 Ohio Ave.
JOSEPH, DAVID B.....	Hotel Alms
JUDD, HOMER.....	3957 Marling Ave.
KAHN, MYRON D.....	731 S. Crescent Ave.
KAUFMAN, LILLIAN.....	2344 Eastern Ave.
KECK, VAUGHN.....	3737 Andrews Ave.
KEELOR, HELEN GANO.....	3623 Stettinius Ave.
KELLER, CHARLES JOSEPH.....	827 Betts St.
KEMPER, CLARENCE HENRY.....	1671 Dewey Ave.
KENNEDY, JAMES HOPKINS.....	39 Calhoun St.
KERN, FRED ALFRED.....	2232 Stratford Ave.
KIDD, HOWARD FREDERICK.....	6729 Roe St.
KINNEY, ETHEL.....	3226 Woodburn Ave.
KLAYMAN, HARRY EDWARD.....	829 W. Ninth St.
KLEIN, CHARLES ANTHONY.....	4111 Jerome Ave.
KLEINE, ERNST HENRY LOUIS.....	610 Union St.
KOHEN, JOSEPH [LA].....	1209 Ross Ave.

KREIMHR, H. STANLEY.....	3439 Zumstein Ave.
KUNTZ, WALTER WILLIAM.....	4343 Haight Ave.
LAESCHE, FRANK.....	1820 Lincoln Ave
LALLY, ELLA MAY.....	4812 Glenshade Ave
LANGE, ELMER HENRY.....	619 Philadelphia St., Covington, Ky.
LAUMANN, PAUL CHARLES.....	108 E. McMicken Ave.
LEASE, MARY E.....	5601 Arnsby Pl.
LENNON, DOROTHY MARIE.....	2210 Symmes St.
LINDSLEY, ELMER SANFORD.....	4546 N. Edgewood Ave.
LIEBERMAN, OTTO C.....	2334 Victor St.
LOCHERER, CATHERINE MARTINA [ELA].....	2213 Stratford Ave.
LODWICK, CLIFFORD ANTHONY.....	Paddack Rd.
LOHN, GEORGE LeROY.....	3568 Trimble Ave.
LOTHMAN, HORACE MILLER.....	2641 Highland Ave.
LOUGHMAN, ELMORE.....	1908 Baymiller St.
LUSH, HAROLD IRVING.....	3330 Jefferson Ave.
McCABE, F. H.....	3725 Morris Pl.
McELVENNY, LILLIAN.....	4122 Thirtieth St.
McINTYRE, JOHN MILLER.....	824 Beecher St.
McKEE, GEORGE M.....	3 Hedgerow Lane
McKEEVER, HARRY EDGAR.....	2018 Central Ave.
McKINLEY, GLEN LLOYD.....	824 Beecher St.
McNEILL, JACOB RUFUS.....	8463 Wiswell Ave.
MAISH, DONALD ANDERSON.....	4032 Rose Hill Ave.
MARCUS, CATHERINE [ELA].....	881 Lexington Ave.
MARINELLO, ANGELO.....	1412 Elm St.
MARKS, EDWARD T.....	1342 Locust St.
MARRIOTT, JOHN BELT.....	307 Sixth Ave., Dayton, Ky.
MARSH, LILLIAN MARGUERITE [ELA].....	2617 Cleinview Ave.
MARSH, O. BIRD.....	3536 Zumstein Ave.
MASON, ERWIN S.....	3844 Floral Ave., Norwood, O.
MAYHEW, GENEVIEVE GRACE.....	5 Helena Bldg.
MEIER, HENRY WILLIAM.....	265 Gilman Ave.
MERS, WILLIAM HENRY.....	438 Klotter Ave.
MEUSE, AL LOUIS.....	152 High St., Hamilton, O.
MEYER, BERTHA M.....	2435 Ohio Ave.
MEYER, EDNA KATHERYN [ELA].....	4218 29th St.
MOOAR, LUKE N.....	307 Prospect St., Bellevue, Ky.
MOORE, WILLIAM MORTIMER.....	239 Kearney Ave.
MORRISSEY, W. J.....	2515 Glenway Ave.
MOTTERAM, HORACE.....	535 Maple Ave., Newport, Ky.
MUCKERHEID, MARIAN.....	2577 McMicken Ave.
MUELLER, CLARENCE ROBERT.....	1620 Pulte St.
NATTENHEIMER, RAYMOND MEYER.....	643 Nelson Pl.
NEAL, RAYMOND JESSE.....	1906 Knox St.
NIEMAN, JOSEPH FRANCIS.....	Highlidge and Lockman Sts.
NORTHCUTT, RICHARD C.....	107 E. One Hundred and Eighteenth Sts., Covington, Ky.
ORERHELMAN, HENRY BERNARD.....	2947 Colerain Ave.
O'NEIL, ELLA.....	2310 Rohs St.
OESPER, GLADYS CHARLOTTE.....	2117 Dana Ave.
OTTENJOHN, RALPH FETTA.....	3561 Burch Ave.
PAPPENHEIMER, LOUIS NEWBURGH.....	Avon Hills
PARIS, WALTER LESLIE.....	3169 Jefferson Ave.
PARKER, DAN ELLIOTT.....	540 W. Seventh St.
PECHINEY, MAE.....	1317 Chase Ave.
PERKINS, LEE STUART.....	The Central Y. M. C. A.
PETERSON, VANCE CLIFFORD.....	612 Burr Oak Ave.

PETTIT, LEOLA ERNESTINE	2315 Sauer Ave.
PIERLE, EDWIN F.	350 Howell Ave.
PIESCHE, JOSEPH A.	2360 Clifton Ave.
POPE, ARTHUR WALLACE	540 W. Seventh St.
POTRAFKE, WILLIAM	2635 Scioto St.
POTTHOFF, HENRY A.	3484 Whitfield Ave.
POTTHOFF, IDA	3484 Whitfield Ave.
PRESSLER, CLARA M.	112 W. Fifth St.
PROEBSTLE, CLARA JOAN [ELA]	521 Riddle Rd.
PUELSING, ALMA	951 Hatch St.
PUNCH, HARVARD ELSMERE [ELA]	1519 Blair Ave.
RASSELL, SAM	828 Woodlawn Ave.
RATTERMAN, DR. HELENA T.	1532 Elm St.
REDMOND, RAYMOND JOSEPH	3515 Middleton Ave.
RETTIG, IRVIN PAUL	6120 Bellaire Ave.
ROSE, LUCILLE NATALIE	1334 Herschel Ave.
ROSENTHAL, WILBERT E.	1504 Ruth Ave.
ROSS, A. HOWARD	928 Locust St.
ROSS, T. ALBERT	2549 Ingleside Ave.
ROTH, FRED	2330 Upland Pl.
ROTH, JACK L.	2330 Upland Pl.
ROTHWELL, ROGER LAWSON	337 Roos Ave., Hamilton, O.
ROWAN, MARY JANE [ELA]	3743 Edwards Rd.
ROWLAND, EDMUND	4648 Winton Rd.
RYAN, MARY MARGARET	1635 Clayton St.
SALKOVER, ETHEL	17 Juergens Ave.
SANDERS, JEAN	928 W. Court St.
SAUERLAND, MARGARET	3107 Linwood Ave.
SCHEIFFELE, MALCOLM WELZ	3519 Mooney Ave.
SCHENK, HARRISON	126 E. Front St., Newport, Ky.
SCHLAU, BERTHA	498 Mt. Hope Rd.
SCHLUETER, HARRY G.	3112 Bishop St.
SCHMEISER, ALBERT EDWARD	4210 Twenty-eighth St.
SCHMUDDE, EDWARD	553 Boal St.
SCHMUDDE, FRED J.	959 Francisco St.
SCHONWALD, BYRON BERNARD	5663 Hamilton Ave.
SCHRAEN, JOHN GEORGE	643 Steiner Ave.
SCHULTZ, LEYLA MARIE	2945 Massachusetts Ave.
SCHUMACHER, HUGO HENRY	457 Riddle Rd.
SCHUR, SARA D. [ELA]	22 The N. Warwick
SCHWARTZ, FLORENCE JOSEPHINE	6216 Chandler St.
SEGAL, DANIEL	2914 Fairfield Ave.
SEINECKE, AGNES E.	2556 Moorman Ave.
SIGFRIED, CONRAD H.	3703 Herron Ave.
SHARKEY, HELEN	2165 Dana Ave.
SHARKEY, MARIE C.	2165 Dana Ave.
SHEARER, EDGAR WILLIAM	301 W. Forrer St.
SHUCK, WALTER	3222 Observatory Rd.
SHOR, RUEBEN	820 Hutchins Ave.
SIMKIN, BENNIE M.	507 Betts St.
SIMPKINSON, EWART WOODRUFF	1114 Cross Lane
STEINFELD, MILDRED [ELA]	4304 Thirty-fourth St.
STESCH, RICHMOND EARL	3826 Forest Ave., Norwood, O.
STEENKEN, ESTHER A.	1540 St. Clair St.
STRENG, WALTER EDWARD	4015 Delaney St.
STRIKE, CHARLES JOHN	702 W. Court St.
TAYLOR, BENJAMIN ROSCOE	3246 Beredith Pl.

TENNENBAUM, SAUL.....	1222 Gilsey Ave.
TENNER, AUGUST WILLIAM.....	1338 Broadway
THOMAS, ALVIN J.....	1804 Baltimore Ave.
THOMAS, MARY ESTHER.....	3354 Montgomery Rd.
TOPMILLER, FRED H.....	1400 Apjones St.
TRACY, KATHLEEN.....	532 Howell Ave.
TRIESCHMANN, CHARLES.....	1526 Lingo St.
TUTTLE, WALTER HARRY.....	564 Evanswood Pl.
TURDY, FRANK.....	4400 Reading Rd.
TURRILL, FRANK HOLLISTER.....	5968 Montgomery Rd.
UHLING, GEORGE HERBERT.....	296 Mystic Ave.
VOIGHT, CARL.....	885 Rockdale Ave.
VOLKERT, ESTHER F.....	845 Lincoln Ave.
WALKER, J. E.....	1815 Russel Ave.
WECKERMEYER, EDWARD J.....	1426 Main St.
WEIL, GEORGE ARCHIBALD.....	821 Laurel St.
WEISER, ISADORE.....	721 Richmond St.
WHITE, PINKNEY M.....	The Central Y. M. C. A.
WIEGAND, VERNON I. E.....	266 Senator Pl.
WILKINSON, RUTH STAFFORD.....	1055 Richwood Ave.
WISE, SAMUEL ABRAHAM.....	3128 Fairfield Ave.
WOLL, ANALDA IDA.....	845 Lincoln Ave.
WOLL, MRS. ANNA S.....	845 Lincoln Ave.
WOOD, THOMAS.....	1623 Mansfield St.
WORRALL, ARTHUR.....	540 W. Seventh St.
WREDE, EDWIN CARL.....	1904 Hewitt Ave.
WYATT, CHARLES ELDON.....	3965 Marburg Ave.
WYATT, FRANCIS DALE.....	2281 Harrison Ave.
YEISER, FREDERICK.....	1005 Burton Ave.
ZIEGLER, FRED WILLIAM.....	1647 Otte Ave.
ZELLER, ELLA GEORGIA.....	2518 Ingleside Ave.
ZIMPELMAN, INA S.....	248 Loraine Ave.
ZINK, CARL ANDREW.....	2114 Kemper Lane

COLLEGE OF MEDICINE

REGULAR AND IRREGULAR STUDENTS

Seniors

BAILEY, RUSSELL BROOKS.....	463 Center Ave., Westen, W. Va.
<i>B. S., University of West Virginia, 1920</i>	
BECK, FRANK TILDEN.....	Crestline, O.
<i>B. S., University of Cincinnati, 1920</i>	
BENNETT, FRANCIS PAUL.....	1742 S. Union Ave., Alliance, O.
<i>A. B., Mt. Union College, 1916; Western Reserve University, School of Medicine, 1918-19</i>	
BENZING, JR., GEORGE.....	4357 W. Millville Ave., Hamilton, O.
<i>A. B., University of Michigan, 1918</i>	
BROWN, ALBERT LOUIS.....	3476 Harvey Ave.
<i>B. S., University of Cincinnati, 1921</i>	
DAVIS, WILBUR LOUIS.....	2642 Stanton Ave.
<i>Otterbein College, 1915-17; University of Cincinnati, summer term, 1918</i>	
FRASER, JOHN ALLEN.....	R. F. D. No. 2, Wellsville, O.
<i>B. S., University of Cincinnati, 1920</i>	

- GAKER, JR., LOUIS WILLIAM.....1228 Laidlaw Ave.
University of Cincinnati, 1916-18; summer term, 1918
- GUEST, GEORGE MARTIN.....709 E. Chestnut St., Hoopeston, Ill.
B. S., University of Cincinnati, 1921
- GUTIERREZ, DARIO.....Bogota, S. A.
B. S., College del Rosario, Bogota, Columbia, S. A.
- HALL, OLIN B.....113 Beverly Ave., Morgantown, W. Va.
B. S., University of West Virginia, 1920
- HARDIN, GEORGE LEON.....Alma, Neb.
B. S., University of Cincinnati, 1921
- HARTMAN, ARLETT BRYAN.....3 Wilson Ave., Morgantown, W. Va.
B. S., University of West Virginia, 1920
- HENDRICKS, ELLIOTT M.....3129 Paxton Rd.
B. S., University of Cincinnati, 1920
- HENDRICKS, LOUIS JOSEPH.....3105 Paxton Rd.
B. S., University of Cincinnati, 1920
- JONES, GWENDOLYN ANNA.....57 Mt. Pleasant Ave., Ft. Thomas, Ky.
B. S., University of Cincinnati, 1920
- KECK, HERMAN.....3595 Outlook Ave.
University of Cincinnati, 1916-18; summer term, 1917
- KLUG, THOMAS M.....Procter, W. Va.
B. S., University of West Virginia, 1920
- KOETTER, GEORGE FRANK.....7215 Greenwood Ave., Chicago, Ill.
Michigan Agricultural College, 1915-1917; Harvard Medical College, summer term, 1921
- KREIMER, ALBERT GEORGE.....2901 Erie Ave.
A. B., University of Cincinnati, 1916
- LEECH, CHARLES HOYT.....New London, O.
Ohio Wesleyan University, 1916-18; Ohio State University, summer term, 1918
- LEVIN, SYDNEY.....5719 Longfellow Ave., Cleveland, O.
B. S., University of West Virginia, 1920
- LUNGER, GUERNSEY REINER.....294 Franklin St., Marion, O.
Miami University, 1916-18; summer term, 1918
- MCCLUNG, JAMES ROBINSON.....Dawson, W. Va.
B. S., University of West Virginia, 1920
- MCCLURE, GEORGE WILLIAM.....Louisa, Ky.
Ohio Wesleyan University, 1916-18; Ohio State University, summer term, 1918
- MCINTYRE, (MRS.) AURELIA PLACK.....Longview Hospital, Carthage, O.
A. B., Miami University, 1920
- MCKHANN, JR., CHARLES FREMONT.....2329 Highland Ave.
A. B., Miami University, 1918; B. S., University of Cincinnati, 1920
A. M., University of Cincinnati, 1921
- MILLER, HOWARD BRYSON.....Hartford City, Ind.
Indiana University, 1915-17; Ibid, School of Medicine, 1917-18
- MILLER, MAURICE IRVING.....Delta, O.
Ohio Wesleyan University, 1915-18; summer term, 1918
- MILLS, CLARENCE A.....301 Hearne Ave.
A. B., University of South Dakota, 1917; Ph.D., University of Cincinnati, 1920
- MUSKAT, MYER SALMEN.....Marietta, O.
B. S., University of Cincinnati, 1920
- PAUL, WILLIAM CORNELIUS.....3140 Vine St.
B. S., University of Cincinnati, 1920
- PAVY, ODR A.....Greensburg, Ind.
Franklin College, 1912-14, 1917-18
- PORRAS, LORENZO PEDROSO.....Janirvey, Iloilo, P. I.
LL. B., Valparaiso University, 1917; A. B., Ibid., 1917; B. S., University of Cincinnati, 1921

- RAAP, GERALD.....307 College Ave., Holland, Mich.
A. B., *Hope College*, 1916
- RIDDLE, CHARLES KENNETH.....Lawrenceburg, Ind.
University of Indiana, 1915-17; *Ibid.*, *School of Medicine*, 1917-18, *first semester*, 1918-19
- RITENOUR, ALMER DANIEL.....Jeffersonville, O.
A. B., *Ohio Wesleyan University*, 1915; *B. S. University of Cincinnati*, 1921
- SCHIRRMANN, HAROLD ALFRED.....1412 Gallia St., Portsmouth, O.
B. S., *University of Cincinnati*, 1920
- SHELTON, (MRS.) VIOLETTA G., R.N.....3300 Elland Ave.
University of Cincinnati, 1916-18; *summer terms*, 1917, 1918
- SLUTZ, HIRAM H.....3 LeRoy Court
B. S., *University of Cincinnati*, 1920
- STIX, (MRS.) REGINE KRONACHER.....3538 Burch Ave.
A. B., *Wellesley College*, 1916
- SWEPSTON, EMIL RAWN.....525 Considine Ave.
B. S., *University of Cincinnati*, 1920
- TEMPLETON, WAYNE KING.....Greensburg, Ind.
Indiana University, 1915-17; *Ibid.*, *School of Medicine*, 1917-18, *first semester*, 1918-19
- THEISS, JOHN O.....Ravenswood, W. Va.
B. S., *University of West Virginia*, 1920
- VESTER, WALTER CHARLES.....2235 Burnet Ave.
A. B., *St. Xavier College*, 1915; *University of Cincinnati*, 1917-18; *summer terms*, 1916, 1918; *Harvard Medical College*, *summer term*, 1921
- WILZBACH, CARL ALBERT.....108 Valencia St.
University of Cincinnati, 1916-18; *summer term*, 1918, *first semester*, 1918-19
- WYNN, JUSTICE FARLESS.....Providence, Ky.
Transylvania College, 1914-17, *first semester*, 1917-18; *B. S., University of Cincinnati*, 1921
- ZELIGS, MENDEL.....820 W. Court St.
B. S., *University of Cincinnati*, 1920

Juniors

- BECKES, ELLSWORTH WELTON.....414 Broadway, Vincennes, Ind.
Indiana University, 1916-19
- BEEKS, FRANKLIN CONE.....Oxford, O.
A. B., *Miami University*, 1917
- BELL, HARRY GLENN.....Hillsboro, O.
B. S., *University of Cincinnati*, 1921
- BELLAMY, CURTIS FRANKLIN.....927 Chillicothe St., Portsmouth, O.
Miami University, 1917-19
- BOGEN, EMIL.....96 W. McMillan St.
A. B., *University of Cincinnati*, 1920
- BUTT, WILLIAM JOSEPH.....Elkhart, Kansas
University of Cincinnati, 1914-17; *summer sessions*, 1915, 1916, 1919
- CARMEL, ABRAHAM GERSON.....513 Richmond St.
B. S., *University of Cincinnati*, 1921
- CHILDERS, ASHER THEODORE.....Salem, W. Va.
B. S., *West Virginia University*, 1915
- COMSTOCK, GLENN EDWARD.....377 Adams St., Gary, Ind.
Indiana University, 1916-19
- COOK, MALCOLM ORR.....Oxford, O.
Miami University, 1916-19

- CRAFT, OTIS RAYMOND.....3737 Wilson Ave.
B. Sc., Agriculture, Ohio State University, 1916
- DAVIDSON, HARRY ORVEL.....1605 Fifth St., Portsmouth, O.
Miami University, 1917-19
- DAY, HORACE ASA.....Treadway, Tenn.
B. S., University of Cincinnati
- DORMIRE, HERMAN FLOYD.....Pemberton, O.
Miami University, 1917-19, summer session, 1919
- DORSEY, WESLEY.....Mt. Lookout, W. Va.
B. S., University of West Virginia, 1921
- DORST, STANLEY ELWOOD.....49 E. Ward St., Springfield, O.
A. B., Wittenberg College, 1919
- ERBAUGH, GORDON LESLIE.....2904 W. Third St., Dayton, O.
Ohio State University, 1914-17
- FREDERICK, CLARENCE HENRY.....449 Washington Ave., Lorain, O.
Adelbert College, 1917-18; University of Cincinnati, 1918-19
- FREIBERG, JOSEPH ALBERT.....3577 Alaska Ave.
A. B., Harvard University, 1920
- FRICKMAN, OSCAR WILLIAM.....724 York St., Newport, Ky.
University of Cincinnati, 1917-19
- FRIEDMAN, LEO SAMUEL.....3592 Wilson Ave.
B. S., University of Cincinnati, 1921
- GIERINGER, LLOYD.....R. R. No. 1, Cleves, O.
B. S., University of Cincinnati, 1921
- GILLESPIE, THADDEUS REAMY.....670 June St.
University of Cincinnati, 1916-18
- HENDRICKSON, (MRS.) ANNA McNALLEY.....524 Hickman Ave.
Kansas University, 1915-17; summer session, Ohio State University, 1918; summer and spring quarters, University of Chicago, 1919
- HOYER, ALBERT BENJAMIN CHARLES.....1122 Central Ave., Newport, Ky.
B. S., University of Cincinnati, 1921
- HUFFMAN, GEORGE RICHARD.....Millersburg, Ky.
A. B., Transylvania College, 1917
- JULIAN, CORNELIO DATO.....1900 Taft Rd.
A. B., Ohio Wesleyan University, 1919
- KITZMILLER, KARL VIVIAN.....340 McGregor Ave.
University of Cincinnati, 1917-19
- LEE, OLIVE PEARL.....Frederickstown, O.
A. B., Ohio University, 1919; M. A., University of Cincinnati, 1921
- MCCOOL, WILLIAM FRANKLIN.....1001 Linwood Ave., Evansville, Ind.
Indiana University, 1913-17
- MATHEWS, JAMES STEWART.....Sta. P., R. F. D. No. 6, Cincinnati
B. S., University of Cincinnati, 1921
- MAXWELL, GEORGE RALPH.....79 Grand View Ave., Morgantown, W. Va.
B. S., University of West Virginia, 1921
- MITCHELL, PRESCOTT TALMAN.....823 Cleveland Ave.
University of Wisconsin, 1914-17
- MORROW, J. FLOYD.....West Alexander, Pa.
B. S., University of West Virginia, 1920
- MORTON, WILLIAM ARNETT.....261 Worth St.
B. S., University of Cincinnati, 1921
- MUNNS, GEORGE.....Oxford, O.
Miami University, 1915-19, summers 1914, 1915, 1918, 1919

- NAVIN, WALTER MARTIN.....Okolona, O.
Notre Dame, 1916-17; *Ohio University*, 1917-19
- NIELANDER, JOSEPH RICHARD.....19 Ohio Ave., Ft. Thomas, Ky.
University of Kentucky, 1917-18, first semester, 1918-19; *University of Cincinnati*,
second semester, 1919
- NIGH, LEONARD CAROTHERS.....Carey, O.
A. B., *Wittenberg College*, 1915-18
- PHILLIPS, ROYAL ASHAR.....130 W. 70th St.
A. B., *University of Cincinnati*, 1917; B. S., *University of Cincinnati*, 1920
- PICHEL, S. MARIE.....3107 Harvey Ave.
B. S., *University of Cincinnati*, 1919
- POETKER, KARL ERNEST.....1316 Hutchins Ave., Portsmouth, O.
Miami University, 1917-19
- ROADS, HOMER DUDLEY.....Hillsboro, O.
Ohio Wesleyan University, 1916-19
- ROCKWELL, GEORGE EDMUND.....3464 Greenlawn Ave.
B. S., *University of Cincinnati*, 1921
- ROUSE, (MRS.) GLADYS LOUISA.....Florence, Ky.
A. B., *University of Cincinnati*, 1913
- SAH, NAND LAL.....Lucknow, U. P., India
Canning College, 1913-16; *Allahabad University*, India
- SALTZMAN, JACOB.....10931 Tacoma Ave., Cleveland, O.
Adelbert College, 1914-17
- SCHAFER, DONALD W.....Argos, Ind.
Indiana University, 1916-17; *Valparaiso University*, 1918-19
- SCOTT, THOMAS GEORGE.....3955 Elsmere Ave., Norwood, O.
Purdue University, 1917-18; *University of Cincinnati*, 1918-19; summer session,
Ohio Wesleyan, 1919
- SELTZ, SAMUEL.....1011 Freeman Ave.
University of Cincinnati, 1917-19
- SIMMONS, BENJAMIN COLEMAN.....Augusta, Ky.
University of Kentucky, first semester, 1916-17; *Southern California*, second semester,
1916-17; *University of Cincinnati*, 1917-18; summer session, 1919
- SMITH, EARL MCCALL.....442 E. Lucas St., Bucyrus, O.
B. S., *Denison University*, 1917
- SPECKMAN, RUSSELL NEWTON.....868 E. Chestnut St., Coshocton, O.
University of Michigan, 1914-15; *Ohio State University*, 1915-17
- STACK, LEONARD ANTHONY.....1124 Fifth St., Lorain, O.
A. B., *Holy Cross College*, 1919
- STEIN, ELICK.....1634 Vine St
University of Cincinnati, 1917-19
- STEIN, JOSEPH.....526 W. Sixth St., Newport, Ky.
B. S., *University of Cincinnati*, 1921
- STEVENSON, FRANK EARL.....R. F. D. No. 5, Circleville, O.
A. B., *Miami University*, 1919
- THOMAS, MARY LOUISE.....1846 Brewster Ave.
A. B., *University of Cincinnati*, 1913
- TURNER, WILLIAM BLOUNT.....20 Apollo St., Petersburg, Va.
Randolph-Macon College, 1916-19
- WALKER, ROBERT COULTER.....Santa Fe, Tenn.
A. B., A. M., *University of the South*, 1915, 1916
- WEIDENSALL, CLARA JEAN.....58 Hollister St.
A. B., *Vassar College*, 1903; Ph D., *University of Chicago*, 1910
- ZWICK, GEORGE HOLLIDAY.....19 West 7th St.
A. B., *University of Cincinnati*, 1918

Sophomores

- ANDERSON, HARRY FORD.....Morrow, O.
Miami University, 1917-19; Western Reserve University School of Medicine, summer term, 1919
- BAUMAN, PAUL RANNELLS.....192 Twelfth Ave., Columbus, O.
Ohio Wesleyan University, 1917-20
- BEEKLEY, FERRIS ELIPHALET.....West Chester, O.
A. B., Miami University, 1920
- BISHOP, GEORGE CREED.....3128 Vine St.
University of Cincinnati, 1918-20; summer term, 1919, 1920
- CHANCE, OLIVER GATCH.....R. R. No. 1, North Bend, O.
University of Cincinnati, 1918-20
- COOKE, ROBERT WALLACE.....208 E. Sandusky St., Bellefontaine, O.
Miami University, 1917-18; 1919-20
- COOMBS, VERA.....Camden, O.
A. B., Miami University, 1920
- CRUDGINGTON, ROBERT LINCOLN.....Glendale, O.
B. S., University of the South, 1918
- DANFORD, BYRON.....Athens, O.
A. B., Ohio University, 1921
- DAVIS, JR., THOMAS HUGH.....Middleport, O.
Miami University, 1917-20
- DOOLEY, RALPH DEAN.....1333 Third St., Marion, Ind.
De Pauw University, 1916-17; Lewis Institute, 1919-20; University of Illinois, College of Medicine, 1920-21
- ELLIOTT, DAVID CARLIN.....2605 Eden Ave.
University of Cincinnati, 1918-20
- EVANS, WILLIAM HAROLD.....R. F. D. No. 1, Springfield, O.
A. B. Wittenberg College, 1920
- FRITZ, HAROLD DEWEY.....112 E. George St., Arcanum, O.
Ohio Wesleyan University, 1917-20
- GIBSON, LUTHER VERNON.....Clay, W. Va.
University of West Virginia, 1916-18; University of West Virginia, School of Medicine, summer 1920; 1920-21
- GILLS, WILLIAM MORGAN.....Patriot, O.
A. B., Ohio University, 1920
- GOOD, RALPH WILLIAM.....305 West McMillan St.
University of Cincinnati, 1918-20
- HALL-QUEST, (MRS.) SHIRLEY KNOX.....18 Maplewood Apts.
A. B., University of Cincinnati, 1921
- HANSON, MALCOLM B.....Sauk Centre, Minn.
Carleton College, 1916-17, 1918-19; University of Minnesota, 1919-20
- HEINOLD, FRED WILLIAM.....2471 McBrayer Ave.
University of Cincinnati, 1915-17, 1919-20
- HERMAN, SAMUEL WILLARD.....3252 Burnet Ave.
University of California, 1916-17, one-half year, 1917-18, *Ibid.*, 1919-20; University of Cincinnati, summer term, 1920
- HOFFMAN, HAROLD LA TATE.....242 Hosea Ave.
University of Cincinnati, 1918-20
- HOLDT, GEORGE GORDON.....2237 Burnet Ave.
University of Cincinnati, 1918-20
- HUETHER, WALTER WILLIAM.....2918 Jefferson Ave.
University of Cincinnati, 1917-18, 1918-20
- IBER, FRANK.....1707 Powers St.
University of Cincinnati, 1918-20; summer term, 1919; University of Chicago, summer term, 1921

- JAMES, DORRENCE STANTON.....115 N. Sandusky St., Delaware, O.
Ohio Wesleyan University, 1918-20
- JONES, LOUIS EDWIN.....2434 Jefferson Ave., Norwood, O.
Ph. B., Brown University, 1920
- KELLEY, ANDRA MAIN.....Salem, W. Va.
Salem College, 1917-18; *University of Cincinnati*, 1919-20
- KINDEL, DANIEL JOSEPH.....909 Dayton St.
University of Cincinnati, 1918-20
- KOTTE, ROBERT HENRY.....3436 Cornell Pl.
University of Cincinnati, 1918-20, *summer term*, 1919
- McKIBBEN, CLOVIS LITTLE.....Carbondale, O.
A. B., Ohio University, 1921
- McMANIS, SAMUEL EASTON.....Winchester, O.
University de Montpellier (France), 1919; *A. B., Ohio Wesleyan University*, 1920
- MADDOCK, STEPHEN JAMES.....1545 Ruth Ave.
A. B., University of Cincinnati, 1919
- MALONE, JAMES AMBROSE.....185 W. Union St., Athens, O.
A. B., Ohio University, 1919
- MASSIE, RALPH FRANKLIN.....Haverhill, O.
Ohio State University, 1918-20; *University of Cincinnati*, *summer session*, 1920
- MYNCHENBERG, JR., GEORGE CARL.....625 Crown St.
A. B., Wittenberg College, 1920
- NAKAYAMA, JOSEPH THOMAS.....562 Seventh St., Oakland, Cal.
University of California, 1916-18, 1920
- NORTON, HAROLD JACOB.....Hope, Ind.
De Pauw University, *one-half year* 1917-18; *University of Cincinnati*, 1918-20
- PUGH, ROBERT HAMPTON.....125 Kinsey Ave.
A. B., Miami University, 1920
- ROBINS, HARVEY ELLIS.....215 S. St. Cloud St., Allentown, Pa.
University of Pennsylvania, 1918-19; *Ibid.*, and *Muhlenberg College*, 1919-20
- ROBINS, HUGH BARBER.....1319 Virginia St., Charleston, W. Va.
University of Pennsylvania, 1918-20, *Muhlenberg College*, *summer term*, 1920
- ROEHLL, WALTER HENRY.....707 N. Broadway, Dayton, O.
St. Mary College, 1918-20
- SCHIFF, LEON.....949 Richmond St.
University of Cincinnati, 1918-20; *summer term*, 1920
- SCHLUETER, ELMER ANTHONY.....Dale and Grover Aves.
University of Cincinnati, 1918-20
- SCHWARTZ, BERNARD AARON.....403 Rockdale Ave.
University of Cincinnati, 1918-20; *summer term*, 1919
- SIKES CLAYTON REID.....6336 Ridge Ave.
Miami University, 1918-20; *Ohio State University*, *summer term*, 1920
- SMITH, FRANCIS CLAYTON.....Mt. Victory, O.
Miami University, 1916-19
- SMITH, PAUL BROWN.....Ross, O.
University of Cincinnati, 1918-20
- TEMPLETON, HARRY DALE.....Rushville, Ind.
Indiana University, 1915-17; *University of Cincinnati*, 1919-20
- WERTHEIM, WILLIAM.....58 S. Warwick Apts.
University of Cincinnati, 1918-20
- WOODHOUSE, GEORGE ALBERT.....Jacksonville, O.
A. B., Ohio University, 1921
- YORK, ARLEY BROMLEY.....3414 Burnet Ave.
University of Louisville and Marshall College, 1918-19, *Marshall College*, 1919-20

Freshmen

- ALLEN, O. PRESTON 17 East State St., Springfield, O.
A. B., *Wittenberg College*, 1914
- ARNOLD, JAMES HARLEAN Lebanon, O.
University of Cincinnati, 1919-21
- BEUCLER, MILLARD LOUYS 4200 Delaney St.
Denison University, 1917-19; *University of Cincinnati*, 1919-20
- BOWEN, JOSEPH ANDREW 25 E. Second St., Newport, Ky.
University of Cincinnati, 1919-21
- BRANT, CARL OSCAR 67 Oak St., Ashtabula, O.
Miami University, 1918-20
- BURNS, JOHN T. 825 W. Eighth St.
St. Xavier College, 1919-21
- CASS, RALPH OAKLAND 528 Cherry St., Galion, O.
Wittenberg College, 1918-21
- CLARK, ELIZABETH LAWLER 11 Roanoke Apts.
University of Cincinnati, 1903-4, 1906-7, 1910-11, 1915-16, 1916-17
- COBBS, LEA ALFRED Damascus, O.
Mt. Union College, 1918-21; *Ibid.*, summer term, 1920-21
- CRUISE, WALTER LEWIS Logan, O.
Ohio University, 1918-21
- DANAHY, JOHN CHARLES 278 McGregor Ave.
A. B., *St. Xavier College*, 1921
- DEETER, DON FAVORITE 217 E. University Ave.
University of Cincinnati, 1919-21
- GORDON, J. N. CURRY 204 E. Fourth St., Covington, Ky.
University of Cincinnati, 1919-21
- HALLORAN, FRANCIS ALOYSIUS 164 W. College Ave., Springfield, O.
University of Notre Dame, 1919-21
- HARTZELL, JOHN BERRY 2508 Pillsbury Ave., Minneapolis, Minn.
University of Minnesota, 1918-21
- HENGSTENBERG, JR., HUGO HERBERT 12 E. St. Clair Ave.
University of Cincinnati, 1918-21
- HERTWIG, FRANK ALVIN 6432 Lower River Rd.
B. S., *Purdue University*, 1909
- HEYROTH, FRANCIS FARNHAM 637 Hawthorne Ave.
Ohio Mechanics Institute, 1913-15; *University of Cincinnati*, 1920-21
- HU, LYDIA BLOME Kinkiang, China
B. A., *Western College*, 1921
- HUENEKE, CHARLES ALBERT 1318 Main St.
University of Cincinnati, 1919-21; *University of Colorado*, summer term, 1920
- JANIAN, HAIG HAJI 100 Sophular St., Amassia, Armenia
Valparaiso University, 1918-20
- JORDAN, LEWIS STANLEY East Warren St., Bucyrus, O.
Denison University, 1916-17; *Ibid.*, 1919-21
- LANGDON, HENRY HARLAN 2038 Beechmont Ave.
A. B., *University of Cincinnati*, 1921
- LEARY, JEREMIAH ARTHUR 2600 Observatory Ave.
University of Cincinnati, 1919-21
- LEBOLD, LOUIS DEWEY Bolivar, O.
B. S., *Mt. Union College*, 1921
- LYFORD, GEORGE 2344 Ohio Ave.
University of Cincinnati, 1918-21
- LYON, ROBERT AARON 5505 Arnsby Pl.
Harvard University, 1918-21

- MACHLE, WILLARD FRANK.....3151 Vine St.
University of Cincinnati, 1918-19; *Ibid.*, 1920-21
- MARQUA, HAROLD GOBRECHT.....4134 Forest Ave., Norwood, Ohio
B. S., Denison University, 1921
- MARVIN, WARREN KING.....6169 Ridge Ave.
University of Cincinnati, 1919-21
- MIKESELL, HOBART LUDLOW.....434 Kasota Ave.
Marietta College, 1917-18; *University of Cincinnati*, 1920-21
- OXLEY, GEORGE LEONARD.....Trinidad, British West Indies
University of Cincinnati, 1919-21
- PAUL, RAYMOND EMERSON.....Botkins, O.
Ohio University, 1918-21
- PEALE, ROBERT CLIFFORD.....207 West Sandusky St., Findlay, O.
Ohio Wesleyan University, 1918-21
- PORTER, WILLIAM LEE.....3321 Ruthr Ave.
University of Cincinnati, 1919-21
- REESE, WALTER ALBERT.....342 Tytus Ave., Middletown, O.
B. S., Denison University, 1921
- RENNER, JR., GEORGE.....2453 Clybourn Pl.
A. B., University of Cincinnati, 1920
- REPS, DEWEY H.....Madisonville, R. No. 10
University of Cincinnati, 1919-21
- ROBBINS, SAMUEL LEONARD.....893 Herrick Rd., Cleveland, O.
Western Reserve University, 1918-20; *University of Cincinnati*, 1920-21
- ROHDENBURG, WILLIAM HERMAN.....1749 Sherman Ave., Norwood, O.
University of Cincinnati, 1919-21; *Ibid.*, summer term, 1920
- RUPP, LOWELL WILLIAM.....Harrison, O.
B. A., University of Cincinnati, 1920
- SCHROTH, IRVING HENRY.....2904 Massachusetts Ave.
University of Cincinnati, 1915-16; *second semester*, 1919; 1919-20; *University of Chicago*, summer terms, 1919 and 1921
- SCHWERTMAN, ARTHUR JOHN.....1909 Madison Ave., Covington, Ky.
University of Cincinnati, 1919-21
- SEINSHEIMER, FRANK.....No. 2 Greenwood Court
University of Cincinnati, 1919-21; *University of Chicago*, summer term, 1921
- SELLARDS, HORACE WARNOCK.....217 E. University Ave.
University of Cincinnati, 1919-21
- SHONG, OLEN JAY.....Sherwood, O.
B. S., Ohio State University, 1917
- SIDERS, WILLIAM ROBERT.....25 E. Cecil St., Springfield, O.
A. B., Willenberg College, 1919
- SIMON, STANLEY DAVID.....335½ N. Seventh St., Paducah, Ky.
University of Cincinnati, 1919-21
- SKINNER, HOMER LUCAS.....South Charleston, O.
Ohio University, 1918-21
- SLOMER, NORBERT FRANCIS.....1056 Flint St.
St. Xavier College, 1919-21
- SPRAGUE, GERALD TRUE.....50 Morris Ave., Athens, O.
A. B., Ohio University, 1920
- VAN MASON, CHARLES EMMETT.....Montpelier, O.
Otterbein College, 1915-16, 1916-17, 1919-20
- VIDUYA, MARCELINO TAVARIS.....Agoo, La Union, Philippine Is.
University of Cincinnati, 1919-21
- WARD, HARRY NORBERT.....Greenville, O.
Miami University, 1918-21
- WENDEL, ARTHUR WILLIAM.....142 E. McMicken Ave.
University of Cincinnati, 1919-21

WERNER, ELMER.....	3909 Borden St.
<i>University of Cincinnati, 1919-21</i>	
WILLIE, EDWARD ROY.....	Louisville, Ga.
<i>University of Georgia, 1918-19, 1919-20</i>	
WILSON, FOSTER HERMAN.....	Sidney, Ohio
<i>Miami University, 1919-21</i>	

SPECIAL STUDENTS

BITTER, CHARLES RAYMOND.....	Toledo, O.
GERDING, LAURA CATHERINE.....	1026 Central Ave., Newport, Ky.
HWANG, KATHLEEN.....	Chinking, China
MOORE, MABEL.....	18 Senator Apts.
PFEFFERKORN, BLANCHE.....	2040 Brookfield Ave., Baltimore, Md.
<i>B. S., Columbia University, 1916; R. N., John Hopkins' School of Nursing, 1911</i>	
ROBERTS, RUTH.....	Christ Hospital
SLADE, MARGARET.....	41 Oak St., Ludlow, Ky.
VON WAHLDE, AGNES CATHERINE.....	St. Bernard
WARD, HARRY N.....	2515 Auburn Ave.
WHEELWRIGHT, FRANCES AGNES.....	1521 Blair Ave.
WILLIAMS, KATHRYN E.....	Wilmington, O.

SCHOOL OF NURSING AND HEALTH

CANDIDATES FOR CERTIFICATE IN PUBLIC HEALTH NURSING

*MCKIBBEN, ETHEL MARIE.....	Cincinnati General Hospita
<i>Diploma of Graduate Nurse, University of Cincinnati, 1921</i>	
STARTSMAN, ELIZABETH MARJORIE.....	Terrace Park, O
<i>Diploma of Graduate Nurse, University of Cincinnati, 1921</i>	
STOCKWELL, DONNA LUCRETIA.....	Mechanicsburg, O.
<i>Diploma of Graduate Nurse, University of Cincinnati, 1921</i>	
*WHEELER, JULIA WICKES.....	267 Church St., Poughkeepsie, N. Y.
<i>Columbia University, summer, 1915; Diploma of Graduate Nurse, University of Cincinnati, 1921</i>	
*YOUNT, AGNES RAMSEY.....	Sayler Park, O.
<i>A. B., Smith College, 1915, Diploma of Graduate Nurse; University of Cincinnati, 1921</i>	

CANDIDATES FOR BACHELOR OF SCIENCE DEGREE AND DIPLOMA OF GRADUATE NURSE

Pre-Nursing and Post Nursing Students in the College of Liberal Arts

ADDICOTT, GERTRUDE IRENE.....	116 Oakland Ave., Sharon, Pa.
<i>Diploma of Graduate Nurse, University of Cincinnati, 1921</i>	
BUSCHE, MARGARET, JEANETTE.....	Columbus Grove, O.
<i>Diploma of Graduate Nurse, University of Cincinnati, 1921; Ohio State University, 1916-1917, second semester, 1917-1918</i>	
FERNSTROM, HELMA JOSEPHINE.....	Ogallala, Neb.
<i>Northwestern University, first semester, 1916-1917, first semester 1917-1918</i>	
HEROLD, LULU BRYAN.....	Huntersville, W. Va.
<i>Diploma of Graduate Nurse, University of Cincinnati, 1921</i>	
LAMBERT, MILDRED.....	
<i>University of Cincinnati, 1921-1922</i>	

*Completed the course in Public Health Nursing, September, 1921

LANGE, KATHERINE HENRIETTA.....	1366 Ernest Ave.
<i>Diploma of Graduate Nurse, University of Cincinnati, 1921</i>	
MOOREHOUSE, DOROTHY HENRIETTE.....	Montgomery, O.
<i>Diploma of Graduate Nurse, University of Cincinnati, 1921</i>	
MOTE, NEVA PAULINE.....	518 N. Ash Ave., Piqua, O.
<i>Diploma of Graduate Nurse, University of Cincinnati, 1921</i>	
NEUMAN, EMMA WINONA.....	603 North St., Lima, O.
<i>Diploma of Graduate Nurse, University of Cincinnati, 1920</i>	
ROSENTHAL, MAY THERESE.....	990 Dana Ave.

Third-Year Students in the School of Nursing and Health

ALLISON, JOYCE B.....	Ft. Thomas, Ky.
BENDER, EMILY ELIZABETH.....	731 Seventh St., Portsmouth, O.
BINDLEY, RUTH KATHERINE.....	9 Blue Grass Ave., Ft. Thomas, Ky.
CAMPBELL, MARJORY GENEVEA.....	337 Sixth St., Canton, O.
DIEHL, CLARA.....	504 E. 120th St., Cleveland, O.
DURBIN, MARY NANCY.....	Belleville, O.
<i>Ohio State Normal School, 1914, 1915</i>	
FERNSTROM, HELMA JOSEPHINE.....	Ogallala, Neb.
<i>Northwestern University, first semester, 1916-1917, first semester 1917-1918</i>	
GESTEL, CLARA ELIZABETH.....	Hopkinton, Iowa
<i>Upper Iowa University, summers, 1914, 1915, 1916, 1918</i>	
HEGLER, HELEN VIRGINIA.....	3175 Linwood Rd.
HIBBERT, IDA LYNETTE.....	527 Arden Pl., Toledo, O.
LLOYD, WILMA FLETCHER.....	4830 N. Troy St., Chicago, Ill.
<i>Indiana University, 1917-1918</i>	
PHILBROOK, ROBERTA CYNTHIA.....	Cardington, O.
<i>Wooster College, 1912</i>	
TRACY, MARY JEAN.....	10 California St., Zanesville, O.
WARRINGTON, EMILY.....	112 E. First St., London, O.
WAYNE, BESSIE MAE.....	R. F. D. 6, Bellefontaine, O.
WORK, EVA ELIZABETH.....	932 Morris St.
<i>University of Cincinnati, 1917-1918</i>	

Second-Year Students in the School of Nursing and Health

ARVIN, ELLEN.....	703 E. Jefferson St., Valparaiso, Ind.
BARRETT, MARY.....	Charlton and Euclid Aves.
<i>A. B., University of Cincinnati, 1920</i>	
BEELER, EDITH DEVONA.....	Bluffton, Ind.
BURTON, CAROLINE GILLIAM.....	Ruffin, N. C.
<i>A. B., North Carolina College for Women, 1920</i>	
CARPENTER, NORA.....	Ansonville, N. C.
<i>B. S., North Carolina College for Women, 1911; B. S., in Home Economics, University of Tennessee, 1913</i>	
CARY, RACHEL NAOMI.....	62 Southgate Ave., Ft. Thomas, Ky.
COLLINS, CORA KATHRYN.....	231 S. Main St., Miamisburg, O.
CONANT, SARA LOUISE.....	6115 St. Lawrence Ave., Chicago, Ill.
DE WOLFE, RUTH LUCILE.....	Racine, O.
EMRIE, MARY C.....	R. R. 3, E. St. Louis, Ill.
ERNEST, BESSIE PAULINE.....	Prattsville, Mich.
FOWLER, ALICE.....	528 Fourth St., Marietta, O.
GARDNER, BERNICE ELEANOR.....	Columbus Grove, O.
GOREY, MARGARET MARY.....	331 W. 4th St., Columbus, O.
HALL, LINNIE GAIL.....	615 E. Arch St., Portland, Ind.

HAYS, SARA PRISCILLA.....	813 Phillips St., Marietta, O.
JONES, ELEANOR BECKWITH.....	Circleville, O.
<i>A. B., Smith College, 1918</i>	
KISER, MARY AMANDA.....	West Liberty, O.
<i>Wooster College, 1919-1920</i>	
KOPP, CYRILDA ANNA.....	8 Hickman St., Mt. Healthy, O.
LIPP, DOROTHY.....	Division St., Union City, Ind.
MCDONALD, LAURA.....	211 N. Walnut St., Cynthia, Ky.
MACY, MILDRED.....	Tippecanoe City, O.
MUELLER, ELIZABETH.....	825 Second St., Marietta, O.
OWENS, ETHEL METZ.....	R. R. 3, Tippecanoe City, O.
<i>Ohio Northern University, 1912; Antioch College, 1913; Ohio Northern University, 1914</i>	
PENCE, BERNADINE.....	3154 Feltz Ave.
REHRL, FLORA HILDA.....	960 E. Pearl St., Miamisburg, O.
SCHOWALTER, ALICE ELSA.....	Fairhope, Ala.

First-Year Students in the School of Nursing and Health

ALSTON, ALBERTA FAYE.....	Harrison, O.
BELL, KATHERINE.....	312 Pleasant St., Paris, Ky.
BLAIR, ISABELLE.....	335 Elland Circle
<i>University of Cincinnati, 1919-1921</i>	
BRAMHALL, MERRIAM JEWELL.....	Zanesville, O.
BOWEN, ELLEN.....	66 Fourteenth St., Columbus, O.
CASSADY, LORA HOPE.....	Cincinnati General Hospital
<i>Ohio State University, 1914-1916</i>	
CLARK, MARY CAROLINE.....	Somerville, O.
<i>Illinois State Normal University, second semester, 1915-1916</i>	
COPELAND, GERTRUDE.....	Peebles, O.
COZART, HELEN ELIZABETH.....	Oxford, N. C.
<i>North Carolina College for Women, 1920-1921</i>	
CROUCH, HELEN.....	Boston, Mass.
<i>Simmons College, 1920-1921</i>	
DARE, FRANCES.....	Camden, O.
DEPUE, MARIE CARRIE.....	413 McAlpin Pl.
ERNST, ELSIE WILMA.....	1535 Holman St., Covington, Ky.
FOUST, HELENE MARIE.....	704 W. Williams St., Bellefontaine, O.
<i>Logan County Normal School, 1919-1920</i>	
GIFFORD, ALTA LOUISE.....	825 First Ave., St. Petersburg, Fla.
GOFORTH, ROBBIE THELMA.....	Oxford, N. C.
<i>North Carolina College for Women, 1920-1921</i>	
HARRIS, ETHEL BELLE.....	Alliance, O.
<i>A. B., Phillips University</i>	
HENDERSON, MARY LILLIAN.....	11 Drake Ave., Dayton, O.
<i>Ohio University, 1916-1919</i>	
HUFFMAN, DESSIE RUTH.....	St. Paris, O.
KIRBY, INEZ.....	2118 North 4th St., Columbus, O.
<i>Ohio State University, first semester, 1919-1921</i>	
KROUTE, MARGARET VIRGINIA.....	1346 West 3rd St., Dayton, O.
LEMING, GEORGIA.....	Kellog Ave.
<i>University of Cincinnati, 1919-1921</i>	
LONG, HELEN.....	307 N. Eighth St., Hamilton, O.
PUTMAN, LOUISE ADAIR.....	62 Mt. Pleasant Ave., Ft. Thomas, Ky.
<i>Kentucky Wesleyan College, 1918-1919</i>	
RICHMOND, ADDIE MAY.....	Wilmington, O.
SCHOTT, MARIE ELLA.....	Mt. Airy, O.

SNYDER, MARY REBECCA.....	Sunnyside Farm, Flora, Ill. <i>Ohio University, summer 1919; Illinois State Normal School, summer, 1916</i>
TUTTLE, MARGARETTA.....	3980 Rose Hill Ave. <i>Sweet Briar College, 1919-1920; University of Cincinnati, 1921</i>
WACK, MARGARET LOUISE.....	103 Court St., Hamilton, O.
WALSDORF, HELEN ANNA.....	2329 Flora St.
WILEY, RUBY.....	144 W. 27th St., Covington, Ky. <i>University of Cincinnati, 1918-1920</i>
WILLIAMS, EDITH.....	1632 Tolland St., Buckland, Conn. <i>A. B., Wellesley College, 1920</i>
WILSON, DOROTHY.....	New Concord, O. <i>Muskington College, summer, 1920, 1920-1921</i>
WYANDT, HARRIETT.....	132 Portland St., Bryan, O.

SPECIAL STUDENTS

AFGAR, MARY LOUISE.....	N. Baltimore, O.
BLACK, IRENE JEANETTE.....	218 West Laus Ave., Seymour, Ind.
DUDLEY, EVA TERRELL.....	Box 422, Wilmington, O.
HASLITT, IDA MARGARET.....	1007 N. Fourth St., Marquette, Mich.
HAUK, KATHRYN MAE.....	297 Water St., Piqua, O.
KLINE, IASBELLE.....	North Hampton, Pa.
LANTZ, LOUISE.....	102 S. Second St., Miamisburg, O.
LEIST, ERMA.....	205 Walnut St., Circleville, O.
MANLEY, MARY.....	700 Eppley Ave., Zanesville, O.
QUINLAN, ELLEN DOROTHY.....	3206 Columbia Ave.
WEBER, MARGARET DOROTHEA.....	R. F. D. 3, Springfield, O.
WERTZ, ROMAYNE KATHRYN.....	401 Willipi St., Wapakoneta, O.
WILLIAMS, WINNIFRED NELSON.....	Wilmington, O.

AFFILIATED STUDENTS

ADAMS, GLADA ANNA.....	326 College St., Findlay, O.
ANDERSON, MAR.....	Sunbury, O.
BLINN, HELEN A.....	2002 Clarion Ave.
BARNES, RUTH ELIZABETH.....	134 E. Second St., Xenia, O.
BARKER, HAZEL MARGARET.....	1114 George St., Parkersburg, W. Va.
BALDWIN, MARION LILLIAN.....	Mt. Covy, O.
BEYER, LUCILE MARIE.....	Oxford, O.
BEYMER, SARA MARTHA.....	Caldwell, O.
BONHOLZER, GENEVIEVE.....	211 McClure St., Dayton, O.
BRADY, GRACE ELLEN.....	715 Linden Ave., Miamisburg, O.
BUCHOLZ, ESTELLA MARTIN.....	Route No. 3, Bradford, O.
CAREY, RUTH LUCILLE.....	222 N. First St., Van Wert, O.
CARNES, AUGUSTA RHEA.....	628 Maple Ave., Falmouth, Ky.
CADWALLADER, LUCILE.....	Pleasant Plains, O.
CAMPBELL, FLORENCE SARAH.....	Harrison, O.
CHAPMAN, FLORENCE HELEN.....	446 North St., Hamilton, O.
COLLINS, HELEN BARNES.....	1010 Harrison Ave., Jeffersonville, Ind.
CRISLER, SARA ANNA.....	Burlington, Ky.
CURRAN, ESTHER CATHERINE.....	4158 Wilter St.
DAWSON, HELEN.....	1514 Jackson Ave., Portsmouth, O.
DICK, IRENE TAYLOR.....	1018 Christel Ave., Middletown, O.
DOLBY, MAUD ELIZABETH.....	124 W. Woodruff Ave., Columbus, O.
DONOVAN, IRENE CAROLINE.....	R. D. 4, Delaware, O.
DOWNING, IDA PEARL.....	Belle Center, O.

EASTON, ILA BELLE	Morrow, O.
EASTON, RUBY LEE	Morrow, O.
ENGLEHART, CARRIE ETHEL	R. R. 3, Box 88, Urbana, O.
ESTEY, HELEN MATILDA	4237 Fergus St.
FIRST, NORMA LOUISE	224 Wolper Ave.
FRENCH, MARY GERTRUDE	Lexington Ave., Dayton, O.
FRY, BESSIE MARIE	care of Dalls Fry, Van Wert, O.
FRY, GERTRUDE MAY	R. R. 3, Dayton, O.
FRYAR, LONELLA	Ansonia, O.
GARARD, ANNA LUCILLE	704 High St., Ft. Wayne, Ind.
GARRETT, MARY ELIZABETH	Summerville, Ga.
GALLOWAY, EDNA BELLE	2424 Kenilworth Ave., South Norwood, O.
GAYNER, ELLA BEE	Franklin, O.
GRILLIOT, URSULA ELIZABETH	Yorkshire, O.
GROSS, HELEN UNA	235 Laquines St., Findlay, O.
HABEKOTTE, ALICE GRACE	3232 Beresford Ave.
HACKENBERRY, OPAL	308 Marion St., Marietta, O.
HAEGLE, NETTIE	915 Linden Ave., Springfield, O.
HALL, GLADYS MARIE	433 Loveland Ave., Loveland, O.
HAND, MARY LOUISE	Tippecanoe City, O.
HATTON, CLARA JANE	Harrisburg, O.
HELBERT, MARY ELIZABETH	127 W. Walnut St., Ashland, O.
HENNINGS, MINERVA BELLE	care of Mrs. Frank Goldner, N. Baltimore, O.
HETZLER, LILLIAN AGNES	Dayton, O.
HILL, JOAN	3050 Bracken Road
HOENER, KATHRYN	Hamilton, O.
HOOVER, DOROTHY	White Cottage, O.
HUHEY, MARION ELIZABETH	R. R. 1, Batavia, O.
HUTCHESON, GEORGIA	R. D. 2, Ostrander, O.
JENKINS, FANNIE	Juniper, O.
JUCKER, EMMA	Williamstown, Ky.
KAIN, EARLA MARJORIE	Liberty, Ind.
KERSHNER, MERLE VALIERA	1317 Arbor Ave., Dayton, O.
KILPATRICK, GOLD GAL	Pine Crest, Payne, O.
LAUBE, EDNA MARIE	834 Putnam St., Findlay, O.
LEWIS, MABEL KNOOP	Box 26, Casstown, O.
LINDEMAN, ALVINA J.	North Bend Rd.
LINGENFELTER, SARAH	2120 Eighth Ave., Altoona, Pa.
MACY, EDITHA BEATRICE	Waynesville, O.
MCDERMITT, CLARIBEL	Hillsboro, O.
MCCORMICK, MILDRED	Findlay, O.
MARTIN, JESSIE LOUISE	311 S. Sandusky St., Delaware, O.
MARTIN, LUCILLE	Rohe St.
SISTER MARY EUSTELLE (ROSE SIMON)	Toledo, O.
SISTER MARY TERESE (MARY RUTH PHILO)	Toledo, O.
MAURER, MARY RACHEL	Route 4, Covington, O.
MEYER, CLEO	7107 Hanover St., Hamilton, O.
MILLER, LELA ELIZABETH	3412 Hillside Ave.
MILLER, MARY MARRS	County Infirmary, Sidney, O.
MISEL, HAZEL	Kings Mills, O.
NEHER, MARGARET MILDRED	Christ Hospital
NICELY, GRACE ERNINE	R. R. 14, Dayton, O.
OSUM, ESTHER CATHERINE	218 Center St., Findlay, O.
PARKER, CLARA FIRMIN	care of Clark L. Parker, 210 Center St., Findlay, O.
PALMER, GENEVIEVE MARGARET	6609 Madison Rd.
PEASE, LUCILE	West Union, W. Va.
PFITZER, CAROLYN ELIZABETH	Jewish Hospital

POWELL, ANNABEL.....	R. F. D. 3, Urbana, O.
PROBST, LUCILE MILDRED.....	216 Crawford St., Paris, Ill.
PRYOR, ELLINGTON.....	Cedartown, Ga.
PUFF, RUTH MARIE.....	1030 York St., Newport, Ky.
PUTMAN, MARY EMILY.....	120 E. South St., Greenfield, O.
RUCKMAN, PEARL MARIA.....	Van Wert, O.
RICHARDSON, RUBY BELLE.....	Spencerville, O.
RIPP, MILDRED LEOLA.....	Union City, Ind.
ROBERTS, GWENDOLYN.....	1619 Glendale Pl., Canton, O.
ROSE, NELLIE MAY.....	Lexington, Ky.
SCHAFER, ALMA.....	N. Main St., Ripley, O.
SCHAFER, DOROTHY INEZ.....	W. Middletown, O.
SCHIRMER, MAY ETHEL.....	4709 Eastern Ave.
SEG MILLER, MARY CATHERINE.....	919 Seventh Ave., Altoona, Pa.
SHAFFER, OLIVE EILEEN.....	717 E. Second St., Dayton, O.
SMITH, MARY ANNIE.....	Kilmore Farm, Lexington, Ky.
STEVENSON, MARGARET CECIL.....	639 Forest Ave., Zanesville, O.
STORL, FLORENCE CHRISTENA.....	R. R. 1, Massillon, O.
SWARTZ, ELEANOR MARIA.....	Lakeview, O.
STAUBLI, FRIEDA.....	Tann-Ruti-Zurich, Switzerland
TAYLOR, MARTHA VIRGINIA.....	Findlay, O.
THOMAS, C. MABEL.....	R. R. 3, Bellaire, O.
TOOMEY, ELIZABETH.....	Athens, Lexington, Ky.
TREICK, RUTH.....	Scotland, S. D.
TROSTLE, CORA BLUE.....	Lexington, Va.
TYREE, MATHILDA.....	Mt. Lookout Circle
URBICH, MARIE ANNA.....	203 Shafer Ave., Middletown, O.
VORRIL, HELEN.....	6616 Roe St.
WALDON, ANNIE LAURIE.....	Coalville, O.
WALN, CLARA ETHELDA.....	Mount Vernon, Ia.
WAYMIRE, MAYBELLE EVA.....	505 N. Weston St., Rensselaer, Ind.
WEITTHOFF, MARY SOPHIE.....	Londonville, O.
WHITE, HELEN JESSIE.....	Harrison, O.
WHITTENMIRE, MAUDE MAE.....	Perrysville, O.
WILSON, MARIE.....	R. D. 4, New Concord, O.
WINESBURG, GERTRUDE.....	902 Clark Ave., Piqua, O.
YOUNGLOVE, NINA.....	432 Clark St.
ZEHNER, MADELEINE HAZEL.....	Ashland, O.

COLLEGE OF LAW

REGULAR STUDENTS

Third Year

ADLER, SIDNEY F.....	32 Poinciana Bldg. <i>University of Cincinnati</i>
ATTIG, DAVID V.....	2054 Eastern Ave.
BALCH, DEWITT WOODFORD.....	2929 Annwood Ave. <i>A.B., Yale University</i>
BEARD, STEPHEN SYLVESTER.....	Grover Hill, O. <i>Ohio Northern University</i>
BERGMAN, MAURICE ABRAM.....	Chillicothe, O. <i>Ohio State University</i>

BOESCH, HORACE J.....	528 Main St., Dayton, O. <i>University of Dayton</i>
COHN, HARRY MARCUS.....	817 Mann Place <i>Brown University; University of Cincinnati</i>
COOPER, WILLIAM JENNINGS BRYAN.....	250 Conover St., Dayton, O. <i>Ohio Wesleyan University</i>
DAILEY, JOHN WILLIAM.....	Milford Center, O. <i>Ohio State University</i>
DEMPSHY, EDWARD JAMES.....	551 Purcell Ave. <i>Brown University</i>
DILATUSH, CHARLES DONALD.....	Lebanon, O.
DUNIFON, WILLIAM DALE.....	Van Wert, O. <i>Harvard Radio School</i>
FALK, DAVID LINCOLN.....	3414 Burnet Ave. <i>A.B., University of Cincinnati</i>
GARLAND, CARL ZENAS.....	Milford, O. <i>Ohio Wesleyan University</i>
GAYNOR, GUY.....	Franklin, O. <i>Ohio State University</i>
GINGHER, PAUL RUTTER.....	536 ¹ / ₂ Kelton Ave., Columbus, O. <i>Ohio State University</i>
HARVEY, WILLIAM.....	734 E. Epworth Ave. <i>University of Cincinnati</i>
JUERGENS, URBAN RAYMOND.....	R.F.D. No. 1, Springfield, O. <i>Wittenberg College</i>
KRICKENBERGER, HERMAN F.....	1400 ¹ / ₂ Pythian Ave., Springfield, O. <i>University of Cincinnati</i>
METZGER, WALTER L.....	3436 Woodburn Ave.
PETZOLD, CORNELIUS JOHN.....	2219 McGregor Pl. <i>A.B., University of Cincinnati</i>
PHILLIPS, GORDON.....	148 E. Fourth St., Chillicothe, O. <i>Miami University</i>
PREDMORE, HAROLD ANDERSON.....	Marathon, O. <i>A.B., Miami University</i>
RAFALO, MAX.....	1509 Central Ave. <i>University of Cincinnati</i>
RHINE, MRS. LENORE McELROY.....	5730 Bramble Ave. <i>Miami University; University of Cincinnati</i>
RODERICK, WILLIAM AUSTIN.....	29 Chestnut St., Jackson, O. <i>Ohio Wesleyan University</i>
STRICKER, LOUIS JULIUS, JR.....	338 W. Rockdale Ave. <i>University of Cincinnati</i>
TENNENBAUM, ABRAHAM.....	3548 Bogart Ave. <i>University of Cincinnati</i>
THALL, RICHARD CAMERON.....	Marysville, O. <i>Ohio State University</i>
WELLER, FRANK.....	1314 Main St. <i>University of Cincinnati</i>

Second Year

ARNOLD, LOUIS EDWARD, JR.....	3744 Cornell Pl. <i>University of Cincinnati</i>
BARBOUR, MYRON F.....	Rising Sun, Ind. <i>Marysville College</i>

BEALL, AUGUSTUS, JR.	2220 Highland Ave.
<i>A.B., University of Cincinnati</i>	
COLLINS, ELIZABETH LOUISE	2394 Mound Ave., Norwood, O.
<i>Ph.B., Denison University</i>	
CONFER, WALTER JOHN	312 Main St., Hamilton, O.
<i>U.S. Naval Academy</i>	
ECKERT, WALTER JOHN	3736 Highpoint Ave.
<i>University of Cincinnati</i>	
GREENBAUM, LOUIS Y.	542 Hale Ave.
<i>Cornell University</i>	
HAHNE, EUGENE ARNOLD	414 Grafton Ave., Dayton, O.
<i>Otterbein College</i>	
HALL, W. DONALD	3564 Eden Ave.
<i>University of Cincinnati</i>	
HANABERGH, FRANK JOHN	1111 Park Ave., Newport, Ky.
<i>University of Cincinnati</i>	
HOUSTON, JOHN HOWARD	Georgetown, O.
<i>Ohio State University</i>	
MANSFIELD, FRED	Eaton, Ind.
MAPLE, CHARTERS DYCHE	229 S. Mechanic St., Lebanon, O.
<i>A.B., Miami University</i>	
MARKLEY, OGDEN JOHNSON	R.F.D. No. 7, Mt. Washington, O.
<i>A.B., Willtenberg College</i>	
METZGER, GEORGE	2437 Clifton Ave.
<i>University of Cincinnati</i>	
OWEN, BENJAMIN FRANKLIN	123 W. Reynolds St., Urbana, O.
SCHILDER, EDNA ELIZABETH	Chillicothe, O.
<i>National Park Seminary</i>	
SHIELDS, JOHN DEWEY	2134 Madison Rd.
<i>A.B., University of Cincinnati</i>	
SMITH, FORREST W.	3449 Woodburn Ave.
<i>University of Cincinnati</i>	
STICKNEY, IVEN CECIL	Montpelier, O.
<i>Tri-State College</i>	
THAYER, ROBERT GEORGE	3414 Telford Ave.
<i>A.B., University of Cincinnati</i>	
WILLIAMS, JOSEPH I.	3042 Burnet Ave.
<i>University of Cincinnati</i>	
WILSON, VERN W.	4292 Ashland Ave., Norwood, O.
<i>Miami University</i>	
WOOD, EDWARD PALMER	614 Maple Ave.
<i>A.B., Yale University</i>	

First Year

ARNOVITZ, HERMAN	615 E. Third St., Middletown, O.
<i>University of Cincinnati</i>	
BRANDON, THOMAS STRICKLER	Lebanon, O.
BROWN, ERVIN	136 Wentworth St.
<i>University of Cincinnati; Columbia University</i>	
CARSON, ORVILLE R.	1250 Elm St.
CETZOK, JOSEPH FLOR	645 Main St.
<i>Miami University</i>	

- COUGHLIN, DENIS BERNARD.....2 W. Third St., Marysville, Ky.
St. Xavier College
- CUTRIGHT, JAMES FRANCIS.....759 E. Fourth St., Chillicothe, O.
Miami University
- DAVIES, CHASE M.....1629 Lincoln Ave.
A.B., University of Cincinnati
- DULANEY, MALCOLM ELBERT.....2719 Willard Ave.
University of Cincinnati
- FINNEY, FRANK BURNHAM.....1835 Hewitt Ave.
A.B., University of Cincinnati
- HOOVER, EDWARD.....2628 Park Ave.
- HOPKINS, ROBERT GRAY.....77 W. McMillan St.
University of Cincinnati
- HUENEFELD, MARGARET.....3350 Woodburn Ave.
B.S., University of Cincinnati
- LAPINSKY, WILLIAM CHARLES.....168 Eagle St., Dayton, O.
Harvard University
- LEVY, LEWIS.....1518 Washington St., Charleston, W. Va.
University of Cincinnati
- MCNAMARA, LAWRENCE AUGUSTINE.....Germantown, Ky.
- MAGRISH, JAMES LEE.....1638 Bruce Ave.
University of Cincinnati
- MEYER, EDWARD LEE.....143 Wildwood Ave.
University of Cincinnati
- MORGENTHAUER, ZELMER GEORGE.....Hamilton, O.
Ohio State University
- NICHOLS, HAROLD DAVIS.....Batavia, O.
A.B., Miami University
- NIEDERHAUSER, WILLIARD FRED.....860 Rockdale Ave.
A.B., University of Cincinnati
- NIPPERT, JAMES GAMBLE.....2981 Werk Rd.
University of Cincinnati; Harvard University
- PICHEL, JOSEPH LOTH.....360 Northern Ave.
University of Cincinnati
- RICH, CARL WEST.....1358 Ayer Ave.
University of Cincinnati
- RUNTE, FRED MILTON.....1293 Merton St.
- SCAPELLATI, CYRUS.....1005 John St.
Bloomfield Seminary
- SCHMIDT, MILTON H.....3122 Harvard Ave.
University of Cincinnati
- SOMMER, MAUDE L.....3515 Vista Ave.
B.S., Hood College; University of Pittsburgh
- STRICKLAND, DAVID.....2005 Hudson Ave., Norwood, O.
University of Cincinnati

IRREGULAR STUDENTS

- SLADE, MARY ADELE.....41 Oak St., Ludlow, Ky.
A.B., University of Kentucky
- WHITAKER, MARGARET HELEN.....4419 Carnation Ave.
A.B., Smith College

REGISTRATION OF STUDENTS

End of Academic Year 1920-1921

GRADUATE SCHOOL (including 20 duplicates)..... 166

McMICKEN COLLEGE OF LIBERAL ARTS:

Seniors.....	90
Juniors.....	118
Sophomores.....	182
Freshmen.....	355
Specials (including 2 duplicates).....	112
Irregulars.....	14
	— 871
Classes for Teachers.....	24
Evening Academic Classes (including 162 duplicates).....	788
	— 1,683

COLLEGE FOR TEACHERS:

Graduates (including 14 duplicates).....	26
Seniors.....	60
Juniors.....	57
Second-Year.....	4
First-Year.....	16
Specials.....	69
Teachers.....	97
Diploma—First and Second-Year.....	28
	— 357

COLLEGE OF ENGINEERING AND COMMERCE:

Co-operative Students:

Seniors.....	77
Juniors.....	90
Pre-Juniors.....	144
Sophomores.....	219
Freshmen.....	411
Specials.....	9
	— 950

Evening Commerce..... 409

— 1,359

COLLEGE OF MEDICINE:

Seniors.....	62
Juniors.....	45
Sophomores.....	63
Freshmen.....	64
Specials.....	8
	— 242

School of Nursing and Health (including 2 duplicates)..... 101

— 343

COLLEGE OF LAW	85
	<hr/>
GROSS TOTAL (regular departments)	3,993
Twice Counted	284
	<hr/>
NET TOTAL (regular departments)	3,709
AFFILIATED DEPARTMENT:	
Clinical and Pathological School of the Cincinnati	
Hospital	93
Twice Counted	62
	<hr/>
NET TOTAL (affiliated department)	31
Affiliated with the School of Nursing and Health...	122
	<hr/>
	153
	<hr/>
NET TOTAL (all departments)	3,862

REGISTRATION OF STUDENTS

End of Academic Year, 1921-1922

GRADUATE SCHOOL.....	157
McMICKEN COLLEGE OF LIBERAL ARTS:	
Seniors.....	108
Juniors.....	114
Sophomores.....	231
Freshmen.....	358
Irregulars (including 4 duplicates).....	40
Specials (including 3 duplicates).....	114
	— 965
Unclassified.....	22
Evening (including 173 duplicates).....	926
	— 1,913
COLLEGE FOR TEACHERS:	
Fifth-Year.....	37
Seniors.....	77
Juniors.....	47
Sophomores.....	10
Freshmen.....	30
Specials.....	4
Diploma, First and Second-Year.....	33
Teachers.....	126
Students in Vocational Classes.....	8
	— 372
COLLEGE OF ENGINEERING AND COMMERCE:	
<i>Co-operative Students:</i>	
Fifth-Year.....	76
Fourth-Year.....	128
Third-Year.....	177
Second-Year.....	247
First-Year.....	332
Specials.....	14
	— 974
<i>Evening Commerce:</i>	
Degree Students.....	17
Certificate Students.....	176
Specials (including 6 duplicates).....	321
	— 514
	— 1,488

COLLEGE OF MEDICINE:

Seniors.....	48
Juniors.....	62
Sophomores.....	52
Freshmen.....	58
Specials.....	11
	<hr/> 231

School of Nursing and Health:

Public Health Nurses (2 duplicates).....	5
Candidates for B. S. degree (9 duplicates).....	10
Third-Year.....	16
Second-Year.....	27
First-Year.....	47
	<hr/> 105

COLLEGE OF LAW:

Third-Year.....	30
Second-Year.....	24
First-Year.....	29
Irregulars.....	2
	<hr/> 85

GROSS TOTAL.....	4,351
Twice Counted.....	269
	<hr/>
NET TOTAL (regular departments).....	4,082

AFFILIATED DEPARTMENT:

Clinical and Pathological School of the Cincinnati Hospital.....	80
Twice Counted.....	36
	<hr/>
NET TOTAL (affiliated department).....	44
Affiliated with the School of Nursing and Health...	119
	<hr/> 163
	<hr/>
NET TOTAL (all departments).....	4,245

STUDENT ATTENDANCE, 1921-1922

[illegible]

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 Commerce.....215
 Teachers.....146
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 Medicine.....226
 Nursing and Health.....284
 Law.....303
 Observatory.....38
 Library.....39
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